

Burnett Oil Company

Loco Hills, New Mexico
Stevens A Battery
Spill Report 2016



3001 W Loop 250 N Ste. C-105-166

Midland, Texas 79705

(210) 213-0397

(936) 615-2088

Remediation Services for Hydrocarbon and Produced Water Spills

Week '1'

PREF

MAP

+032.83055° / -103.93380° 3698ft 12:02:37

MAIL

LOG

POSITION - ALTITUDE - TIME

HORIZON

+01.8°

ANGLE

ELEVATION

-07.6°

ANGLE

ANGER
+05
23

BURNETT OIL CO., INC.
LEASE # LC030570A
STEVE AZIMUTH - BEARING
M S210°37'S30W 3733mils TRUE
EDDY COUNTY, NM

ZERO

A-B

CAL

S

210

240

LENS

1.0X

OS

PREF

+032.83059° / -103.93395° 3700ft 12:03:00

MAIL

MAP

POSITION - ALTITUDE - TIME

LOG

HORIZON

+01.3°

ANGLE

ELEVATION

-04.8°

ANGLE

● AZIMUTH - BEARING

135° S45E 2400mils TRUE

ZERO

A-B

CAL

LENS

1.0X

○ S

-10
-05
00

00
+05

PREF

MAP

+032.83055° -103.93380° 3698ft 12:02:37

MAIL

LOG

POSITION - ALTITUDE - TIME

HORIZON

+01.8°

ANGLE

ELEVATION

-07.6°

ANGLE

BURNETT OIL CO., INC.
LEASE # LC030570A
STEVE AZIMUTH BEARING
M S210°33'30" W 3733mils TRUE
EDDY COUNTY, N.M.

ZERO

A-B

CAL

S 210° 210° 240°

LENS

1.0X

OS

PREF

+032.83059° / -103.93395°

3698ft

12:02:57

MAIL

MAP

5

OIL

CRUDE OIL



3

2

4

2

CAUTION
CONFINED SPACE

HORIZON

-00.6°

ANGLE

POSITION - ALTITUDE - TIME

LOG

ELEVATION

-06.3°

ANGLE

AZIMUTH - BEARING

176° S04E 3129mils TRUE

ZERO

A-B

CAL

LENS

1.0X

SHOOT

-05

00

+05

-10

-05

00

PREF

+032.83059° / -103.93395° 3700ft 12:03:00

MAIL

MAP

POSITION - ALTITUDE - TIME

LOG

HORIZON

+01.3°

ELEVATION

-04.8°

ANGLE

ANGLE

● AZIMUTH - BEARING

135° S45E 2400mils TRUE

ZERO

A-B

CAL

LENS

1.0X

Ⓢ



PREF

MAIL

MAP

LOG

+032.83058° / -103.93378° 3659ft 14:53:42

POSITION - ALTITUDE - TIME

NOTE

HORIZON

ELEVATION

00 BURNETT OIL CO., INC.

-10.1°

LEANGLE# LC030570A

ANGLE

STEVENS A BTRY

M SEC. 13-T17S-R30E

AZIMUTH - BEARING

187° S07W 3324mils TRUE

-05

ZERO

A-B

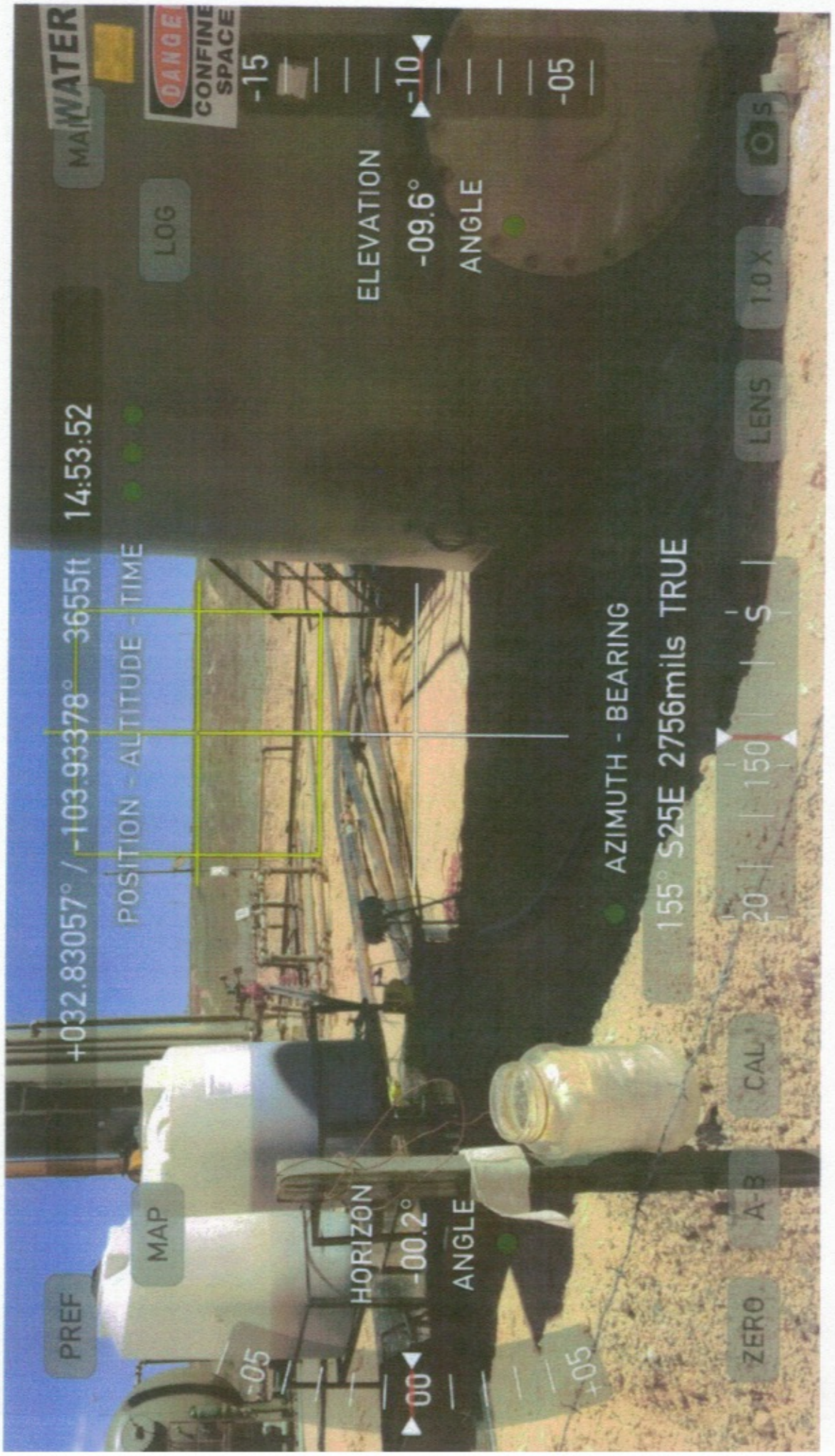
CAL

LENS

1.0X

OS

10 | S | 210



PREF

MAP

LOG

MAIN WATER

DANGER
CONFINE
SPACE

14:53:52

+032.83057° / -103.93378° 3655ft

POSITION - ALTITUDE - TIME

HORIZON

00

ANGLE

ELEVATION

ANGLE

-10

-15

-05

AZIMUTH - BEARING

155° S25E 2756mils TRUE

ZERO

A-B

CAL

LENS

1.0X

S



PREF

MAP

MAIL

+032.83057° / -103.93389° 3653ft 14:54:05

POSITION - ALTITUDE - TIME

LOG

HORIZON

+00.6°

ANGLE

ELEVATION

-09.9°

ANGLE

● AZIMUTH - BEARING

185° S05W 3289mils TRUE

-05

00

+05

-15

10

-05

ZERO

A-B

CAL

50

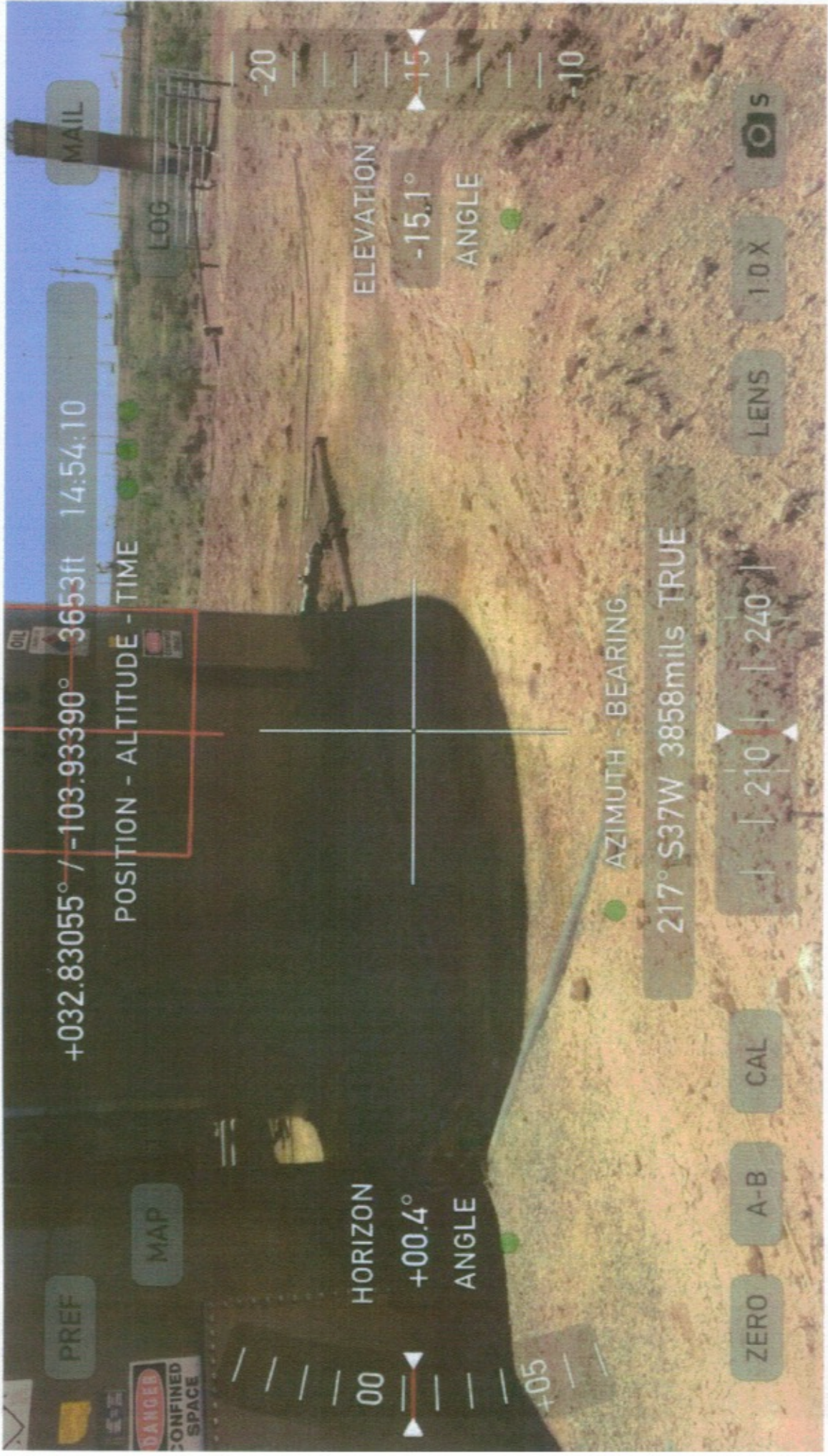
S

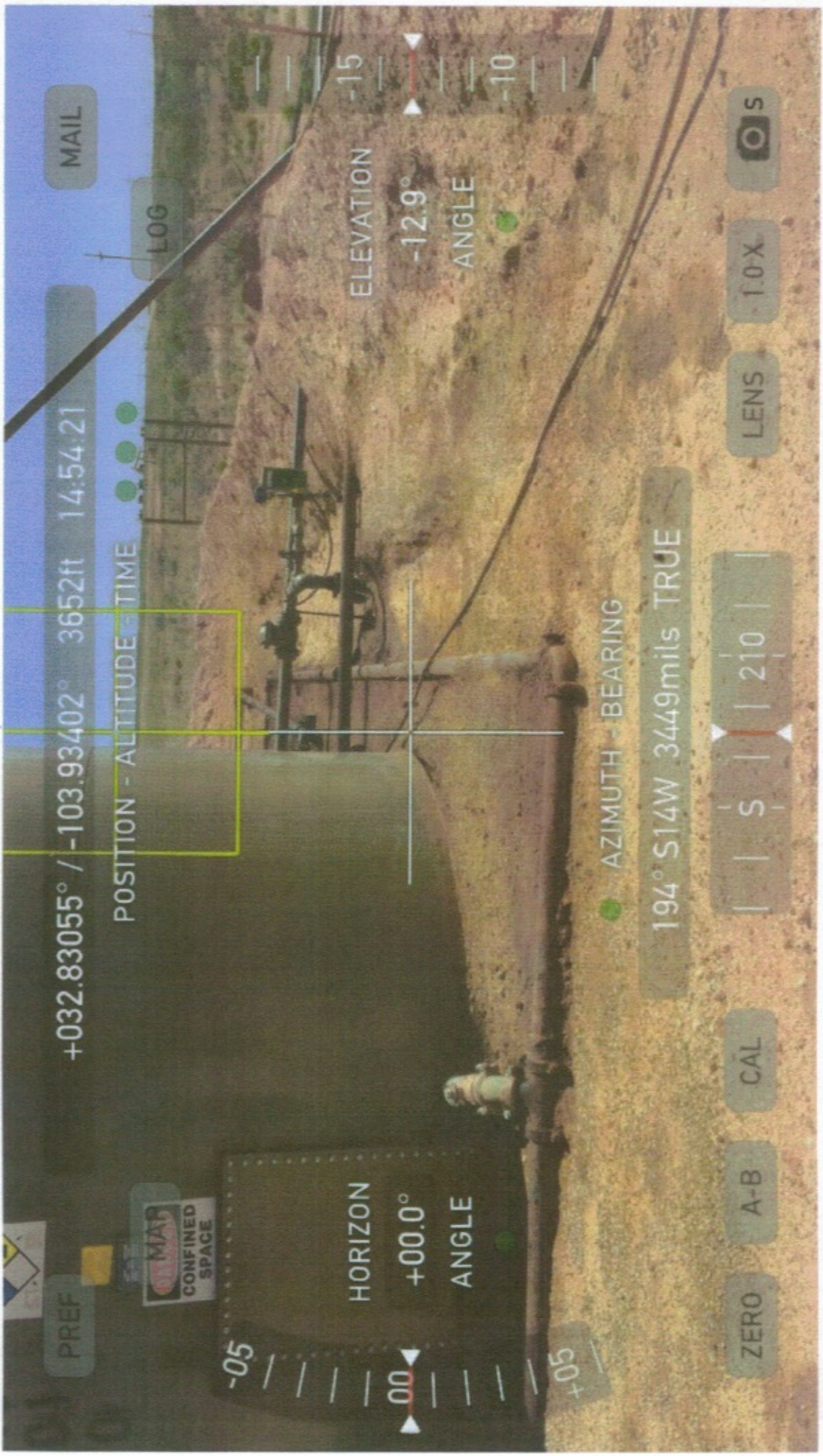
210

LENS

1.0X

O S





PREF

MAIL

+032.83055° / -103.93402° 3652ft 14:54:21

POSITION - ALTITUDE - TIME

LOG

MAP
CONFINED
SPACE

-05

HORIZON

+00.0°

ANGLE

ELEVATION

-12.9°

ANGLE

AZIMUTH - BEARING

194° S14W 3449mils TRUE

ZERO

A-B

CAL

LENS

1.0X

OS

PREF

MAIL

+032.83051° / -103.93385° 3648ft 14:54:46

POSITION - ALTITUDE - TIME

MAP

LOG

3
/ / / / /
00
+05

HORIZON

+01.0°

ANGLE

ELEVATION

-16.8°

ANGLE

-20
-15

● AZIMUTH - BEARING

166° S14E 2951mils TRUE

ZERO

A-B

CAL

150

LENS

1.0X

5

PREF

+032.83048° / -103.93388° 3657ft 14:54:59

MAIL

MAP

POSITION - ALTITUDE - TIME

LOG

-05

▲ 00

HORIZON

-00.1°

ANGLE

+05

-20

-16.2°

ELEVATION

ANGLE

-15

● AZIMUTH - BEARING

247° S67W 4391mils TRUE

ZERO

A-B

CAL

LENS

1.0X

📷

PREF

MAP

+032.83046° / -103.93387° 3658ft 14:55:05

MAIL

POSITION - ALTITUDE - TIME

LOG

HORIZON

-01.7°

ANGLE

ELEVATION

-14.1°

ANGLE

AZIMUTH - BEARING

118° S62E 2098mils TRUE

ZERO

A-B

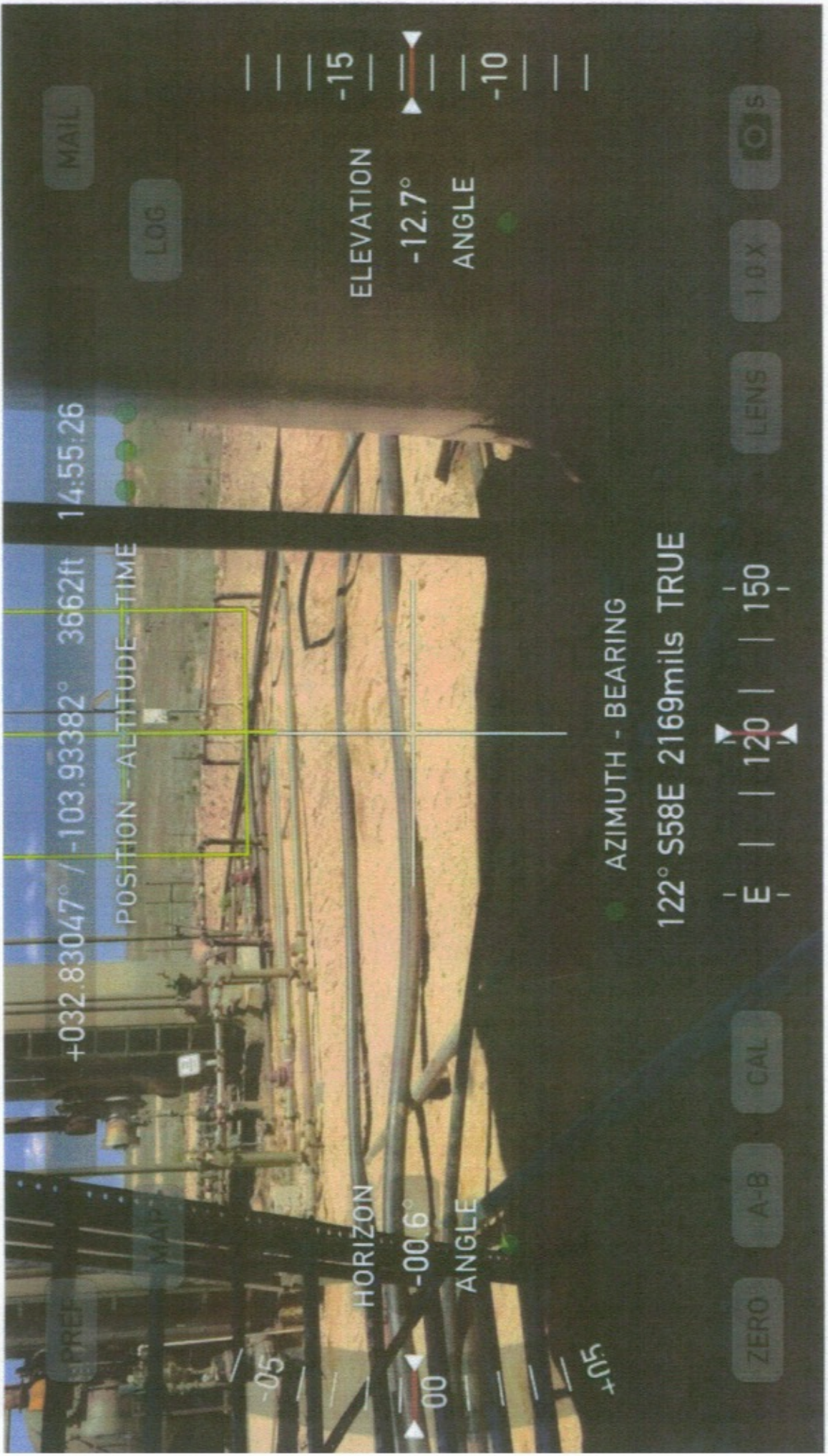
CAL

E | 120 | 150

LENS

1.0X

0.5s



MAIL

LOG

14:55:26

+032.83047° / -103.93382° 3662ft

POSITION - ALTITUDE - TIME

ELEVATION

-12.7°

ANGLE

HORIZON

-00.6°

ANGLE

AZIMUTH - BEARING

122° S58E 2169mils TRUE

10X

LENS

120

150

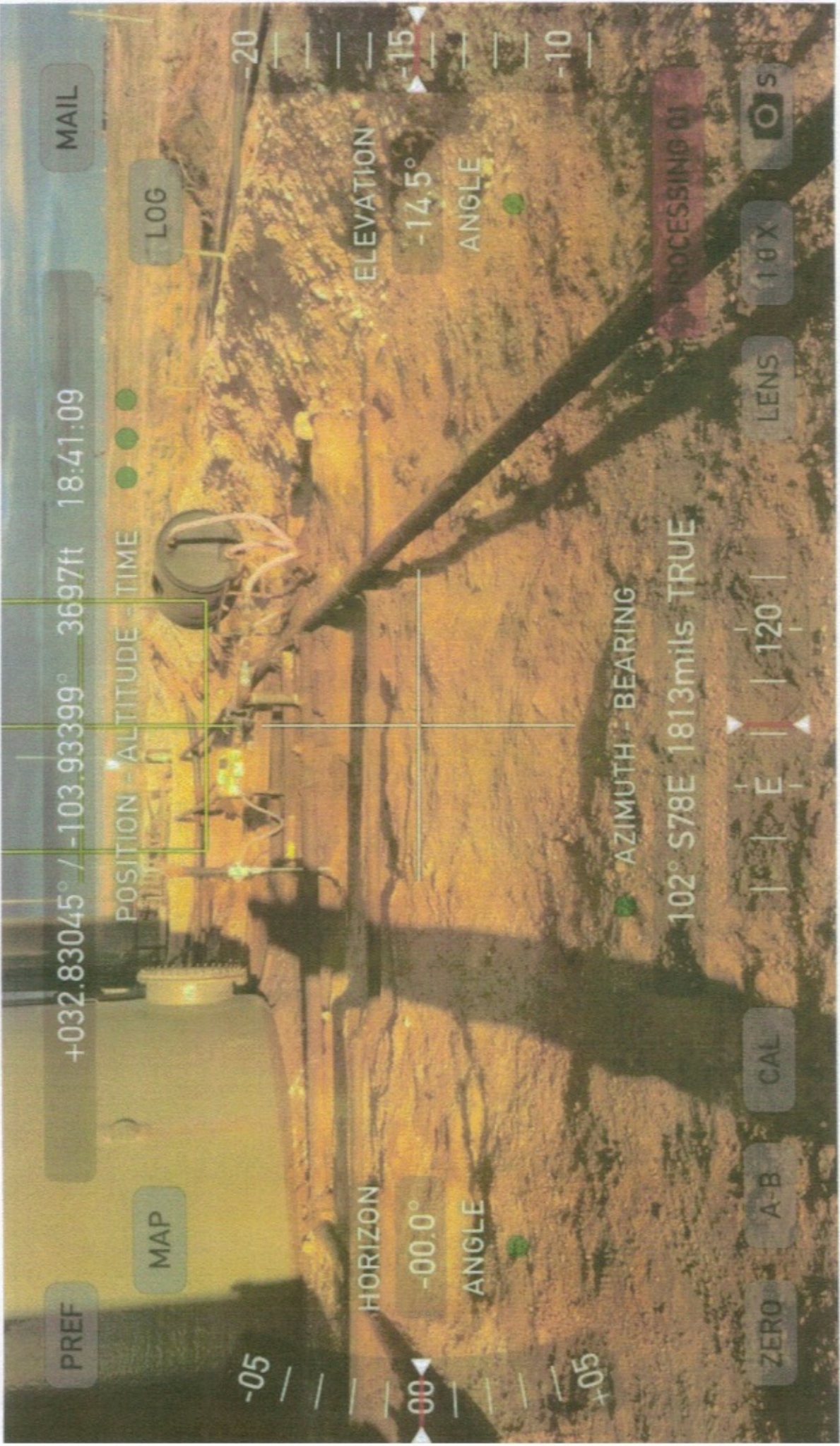
E

120

CAL

A-B

ZERO



MAIL

+032.83045° / -103.93399° 3697ft 18:41:09

LOG

POSITION - ALTITUDE - TIME

MAP

ELEVATION

-14.5°

ANGLE

HORIZON

-00.0°

ANGLE

AZIMUTH - BEARING

102° S78E 1813mils TRUE

PROCESSING 01

LENS

10X

OS

CAL

A-B

ZERO

-05

00

+05

PREF

MAP

+032.83054° / -103.93391° 3714ft 18:51:52

POSITION - ALTITUDE - TIME

LOG

MAIL

HORIZON

-01.0°

ANGLE

ELEVATION

-17.3°

ANGLE

● AZIMUTH - BEARING

235° S55W 4178mils TRUE

ZERO

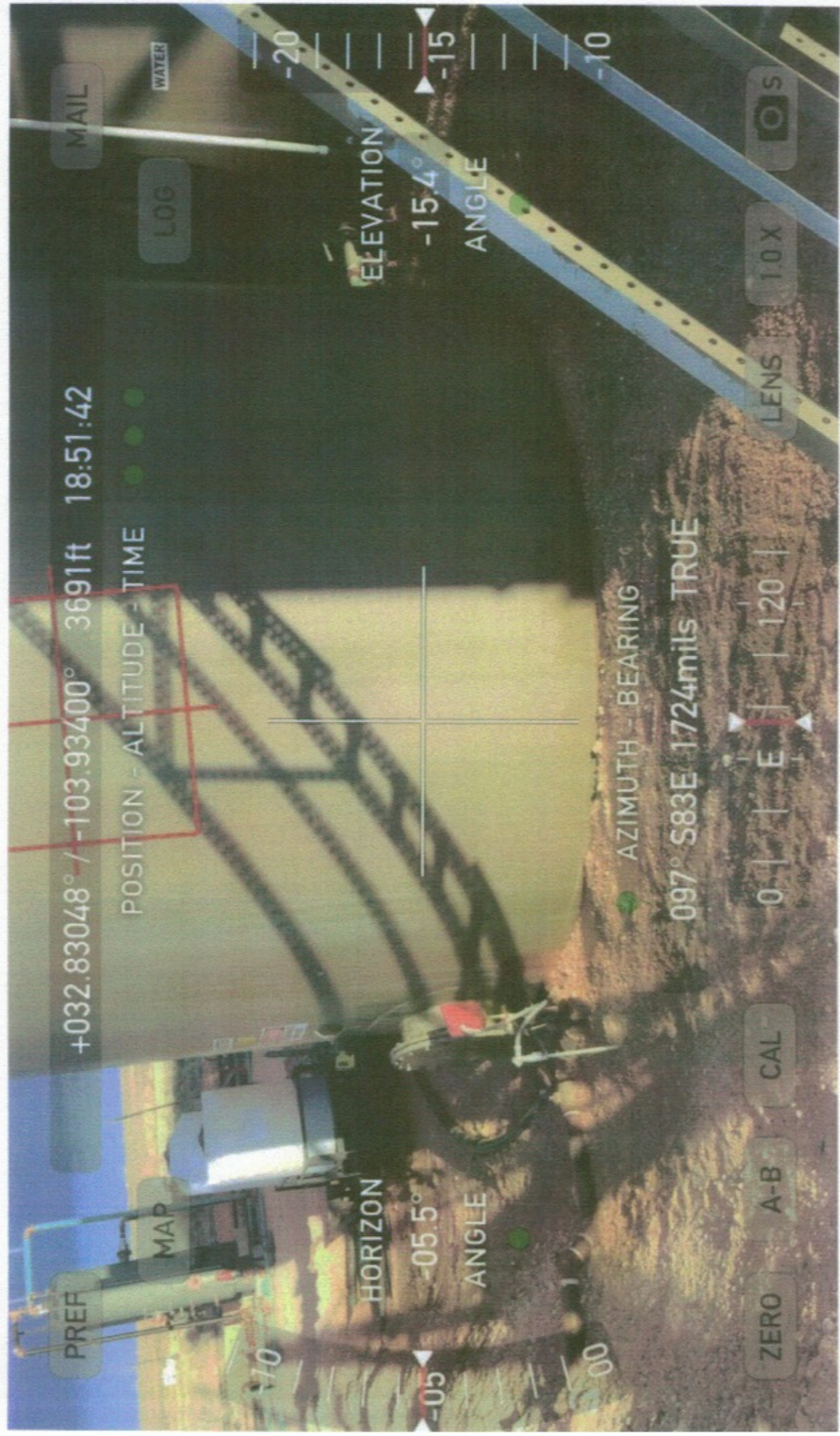
A-B

CAL

LENS

1.0 X

OS



PREF

MAP

MAIL

LOG

WATER

+032.83048° / -103.93400° 3691ft 18:51:42

POSITION - ALTITUDE - TIME

HORIZON

-05.5°

ANGLE

ELEVATION

-15.4°

ANGLE

AZIMUTH - BEARING

097° S83E 1724mils TRUE

ZERO

A-B

CAL

LENS

1.0X

Camera icon

PREF

MAP

MAIL

LOG

+032.83050° / -103.93386° 3652ft 14:54:52

POSITION ALTITUDE TIME

HORIZON

+00.5°

ANGLE

ELEVATION

-18.3°

ANGLE

AZIMUTH BEARING

274° N86W 4871mils TRUE

ZERO

A-B

CAL

LENS

1.0X

57

-05

00

+05

-20

-15

PREF

MAP

LOG

MAIL

+032.83050° / -103.93391° 3710ft 18:52:05

POSITION - ALTITUDE - TIME

MAP

LOG

MAIL

HORIZON

-02.6°

ANGLE

ELEVATION

-13.8°

ANGLE

● AZIMUTH - BEARING

191° S11W 3396mils TRUE

ZERO

A-B

CAL

LENS

1.0X

5

-05 | | | 00

-20 | | | -10

PREF

MAP

MAIL

LOG

+032.83057° / -103.93405° 3707ft 18:52:34

POSITION - ALTITUDE - TIME

HORIZON

-02.0°

ANGLE

ELEVATION

-13.2°

ANGLE

● AZIMUTH - BEARING

183° S03W 3253mils TRUE

ZERO

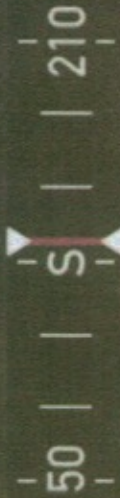
A-B

CAL

LENS

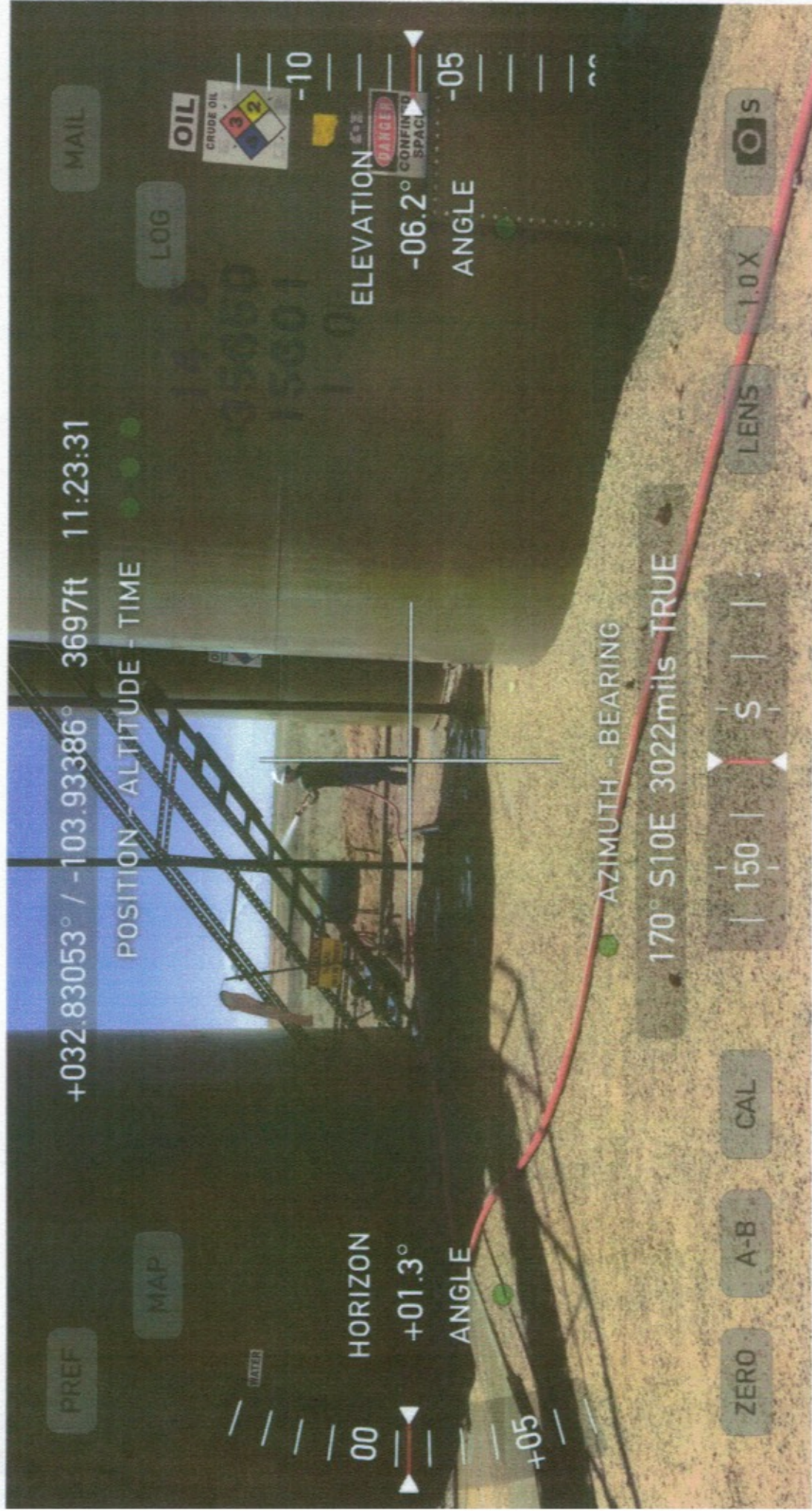
1.0X

OS

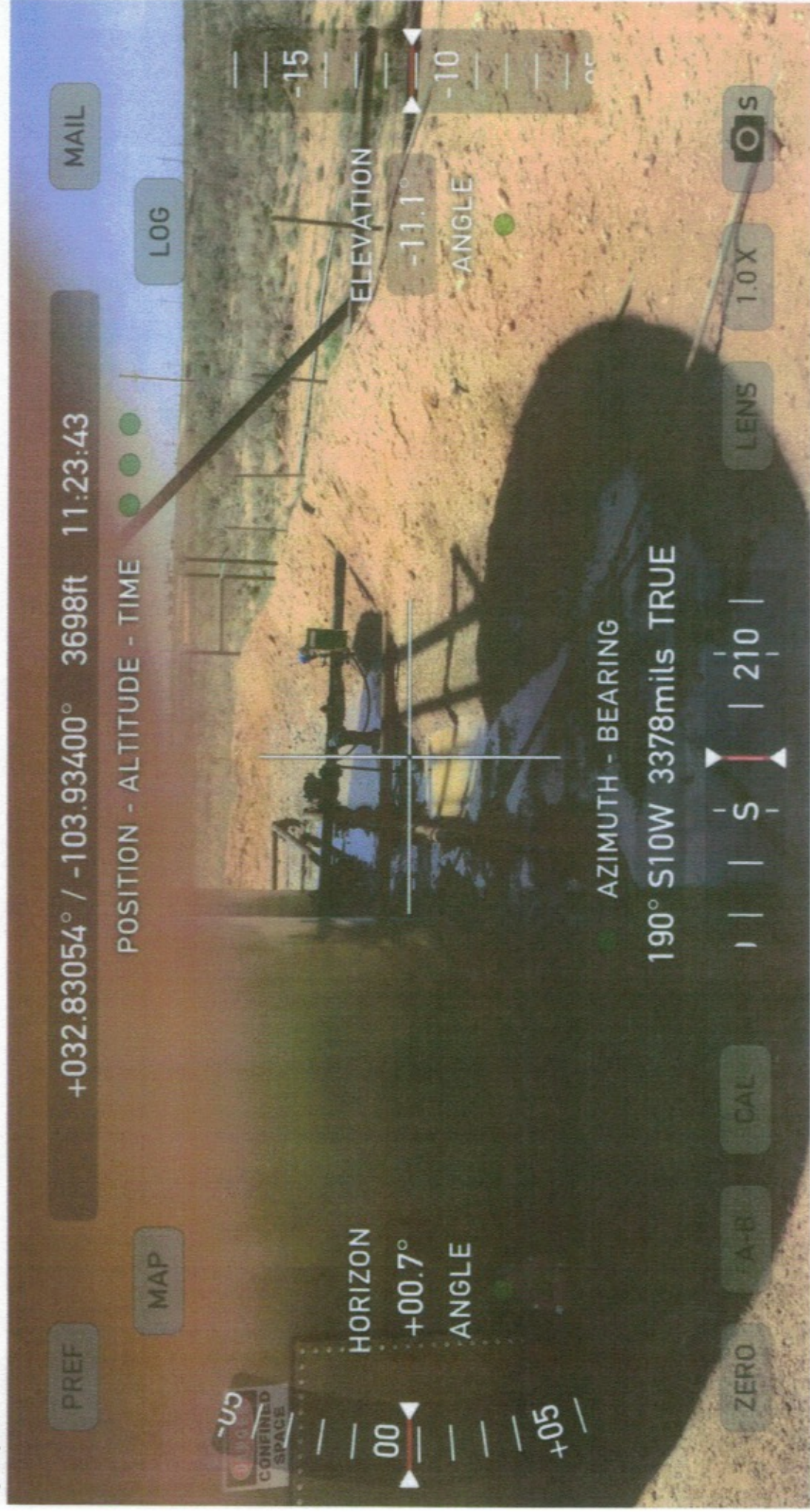


Week '2'

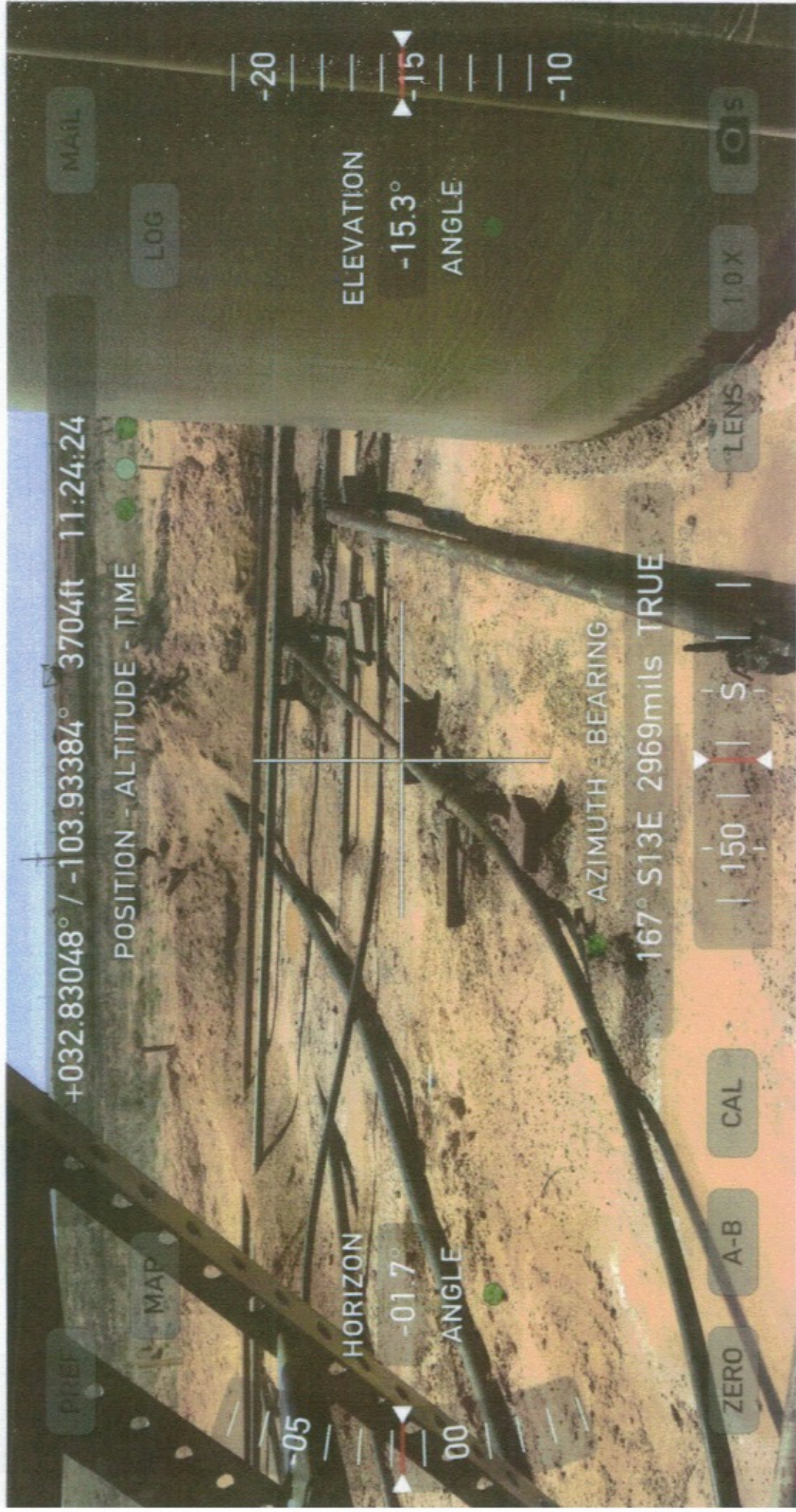
4/11/16



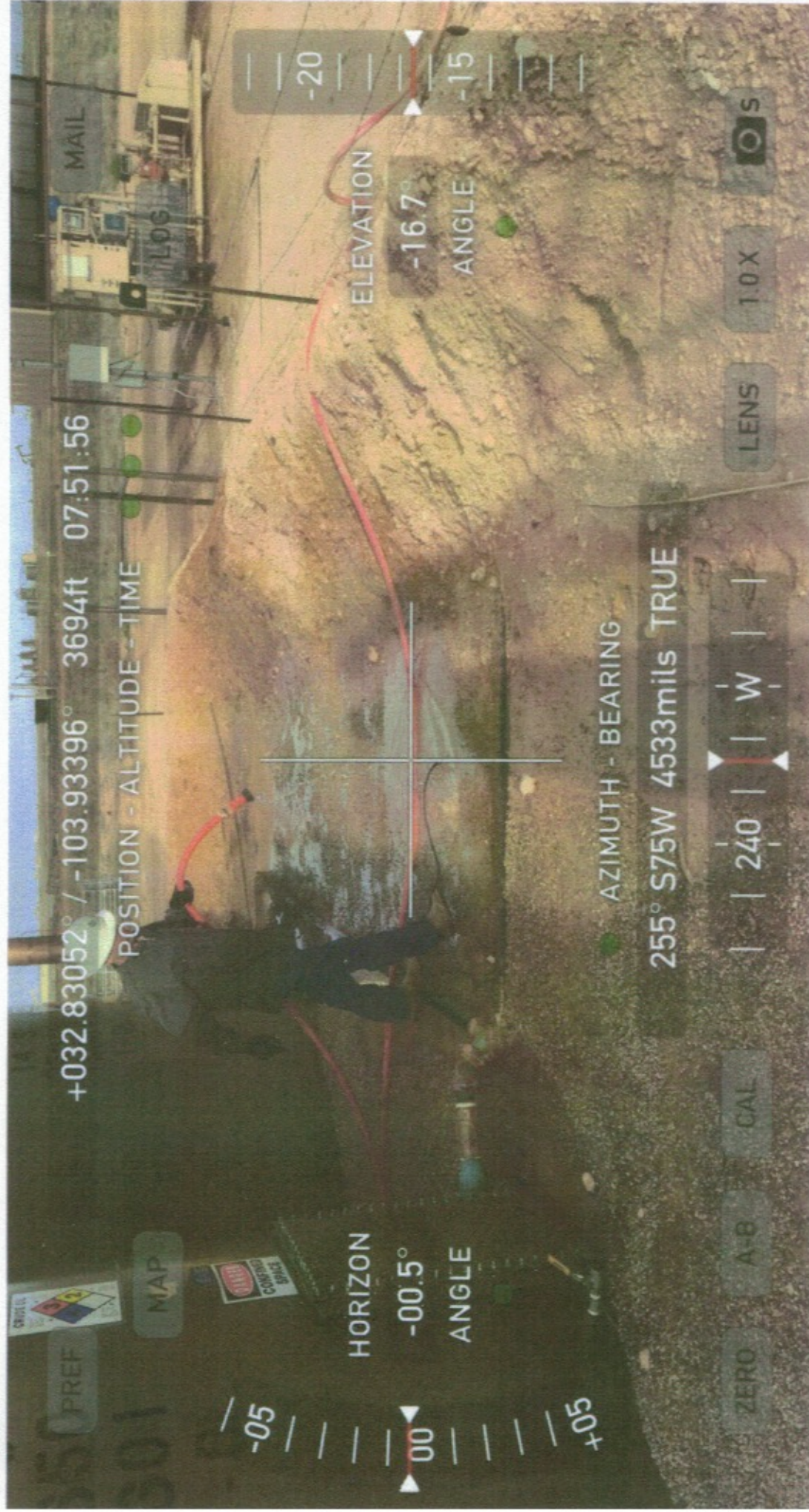
4/11/16



4/11/16



4/11/16

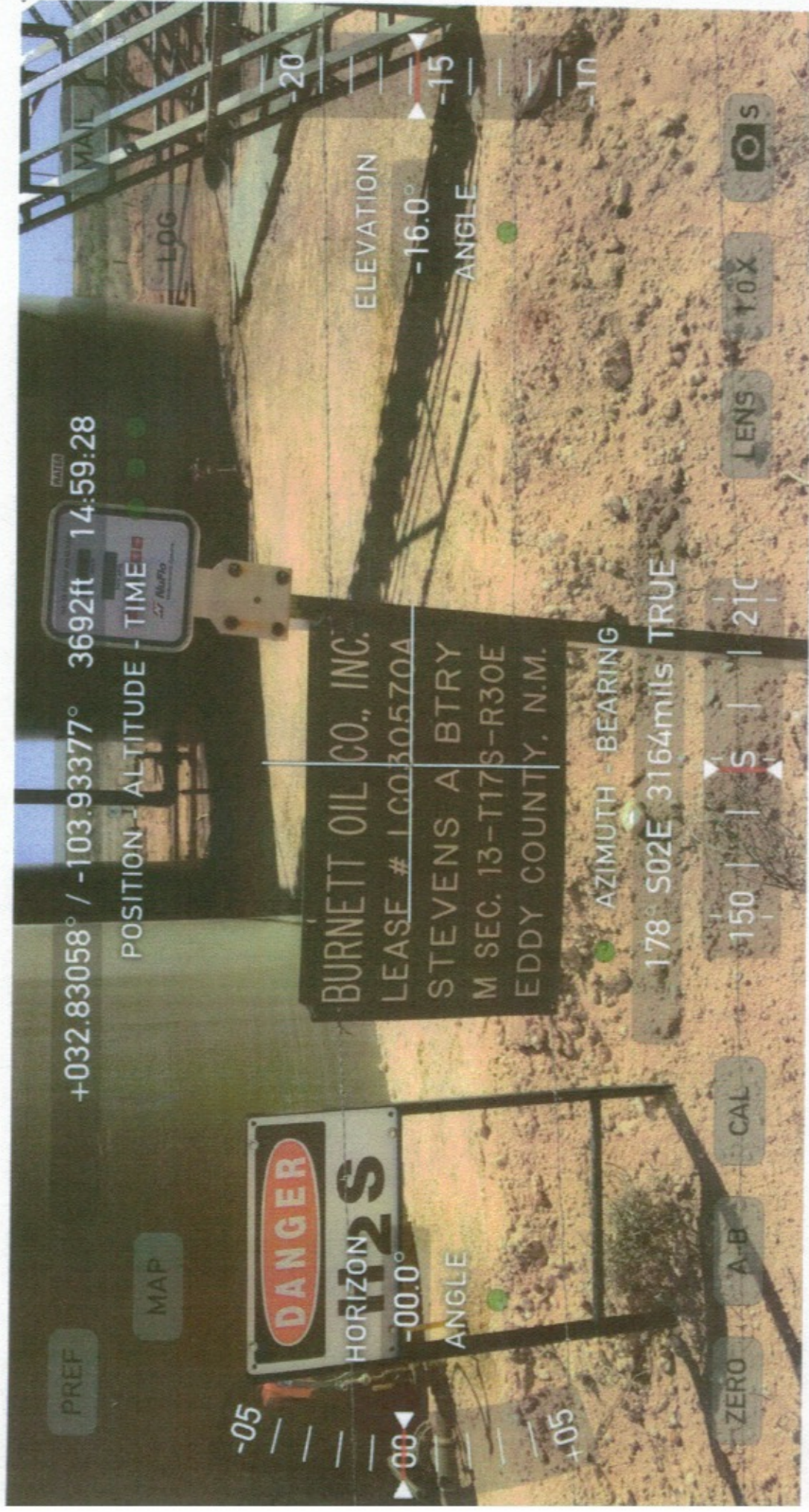


4/11/16

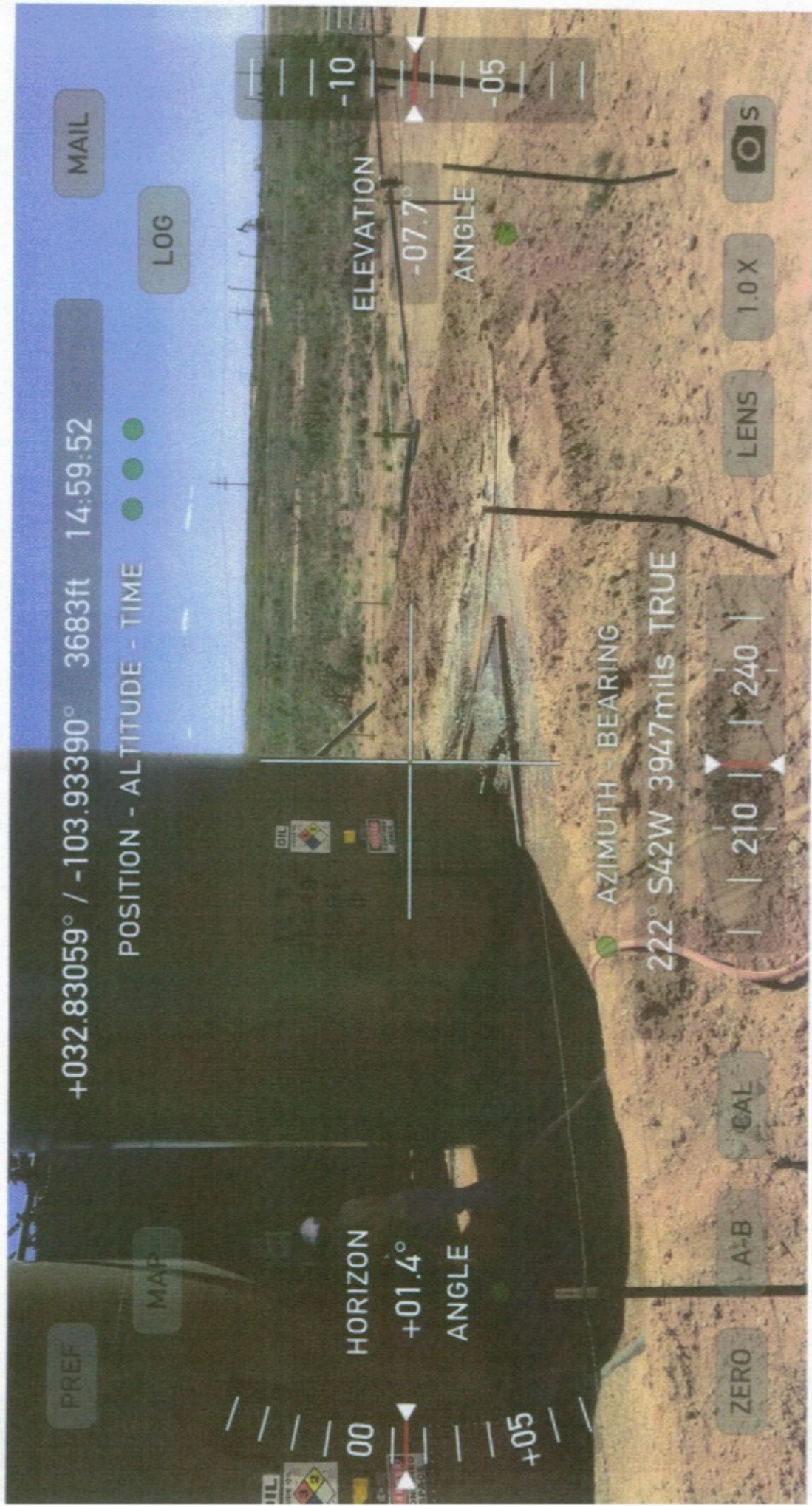


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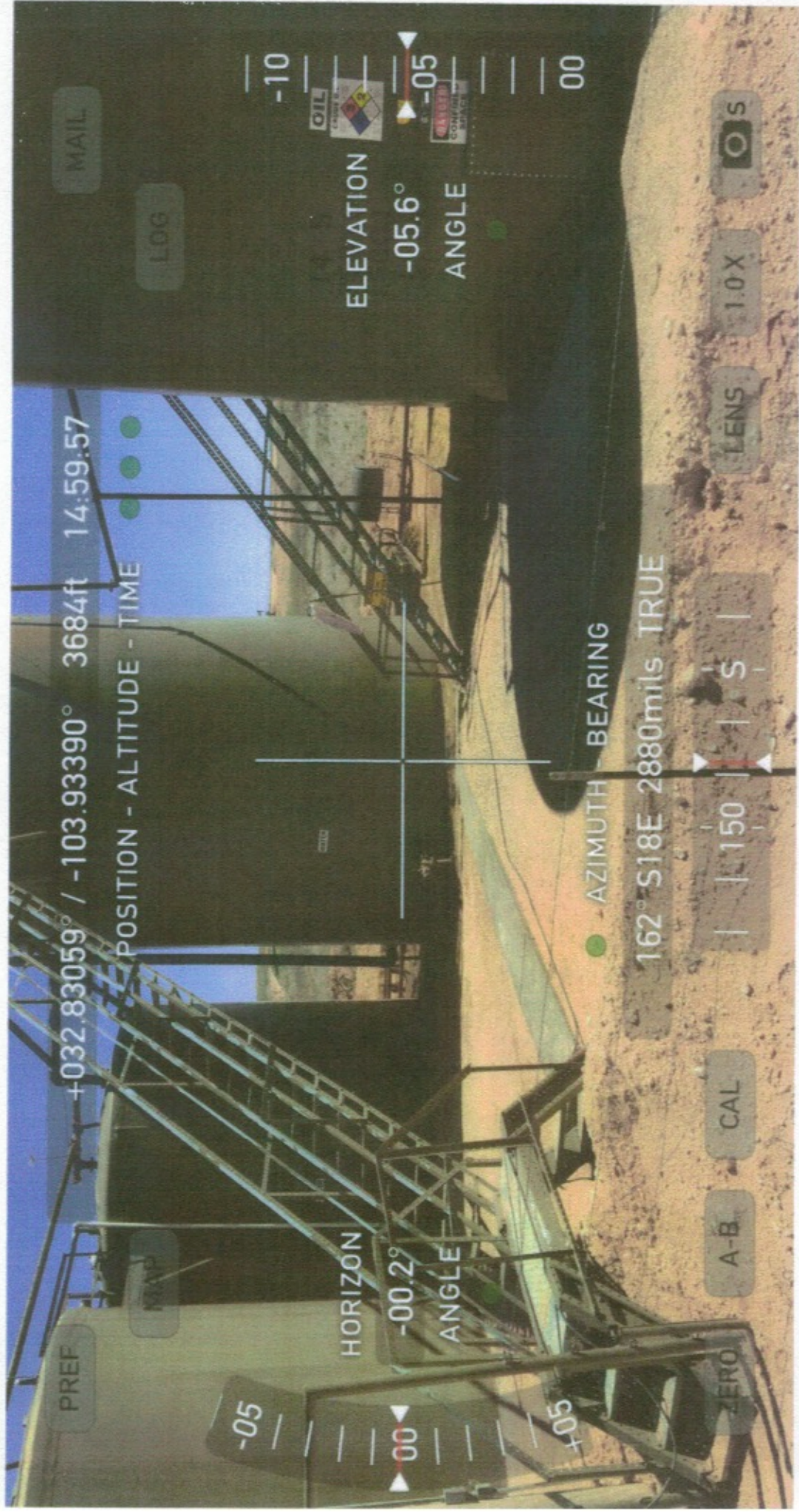
4/19/16



4/19/16



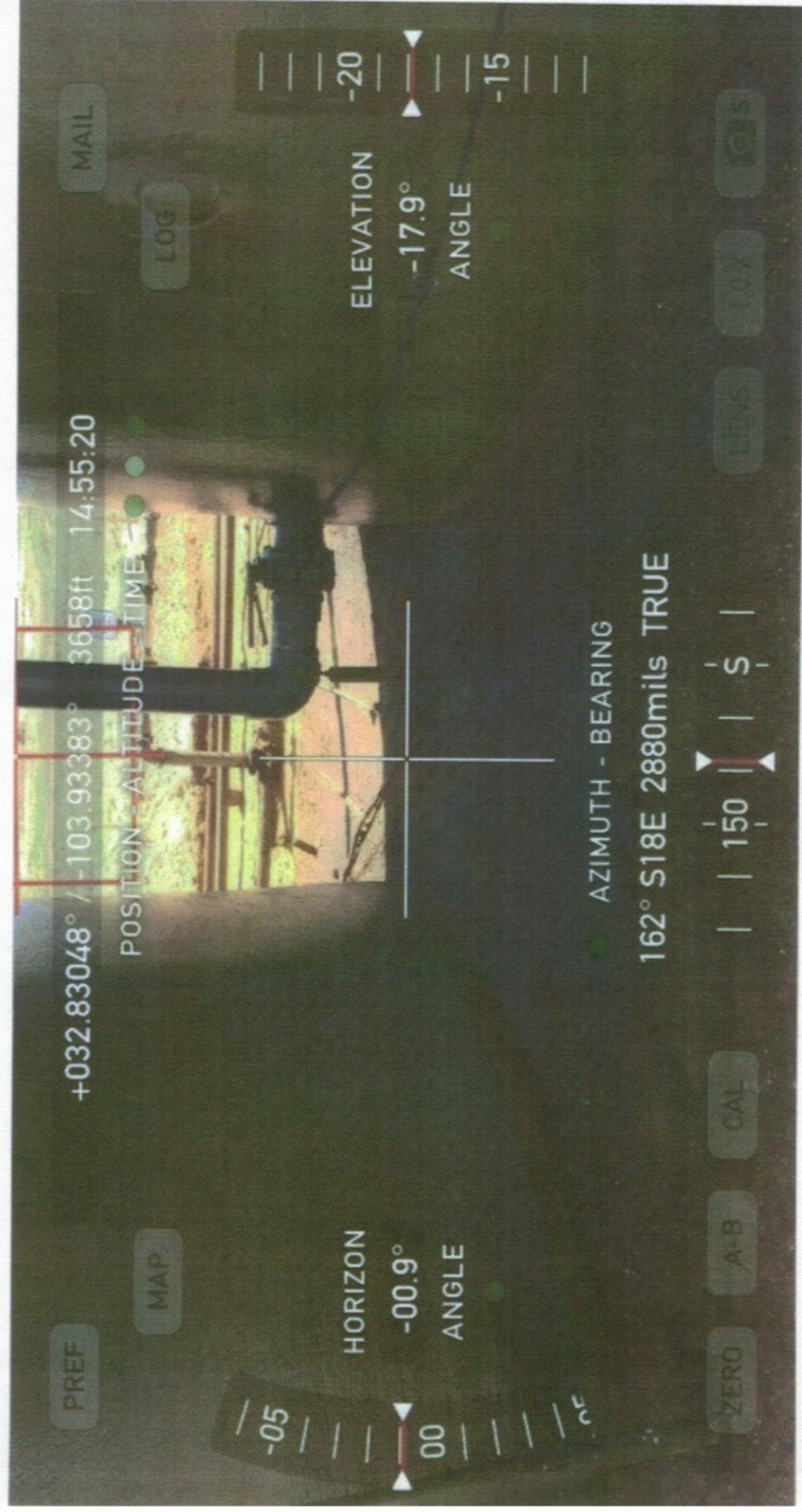
4/19/16



4/19/16



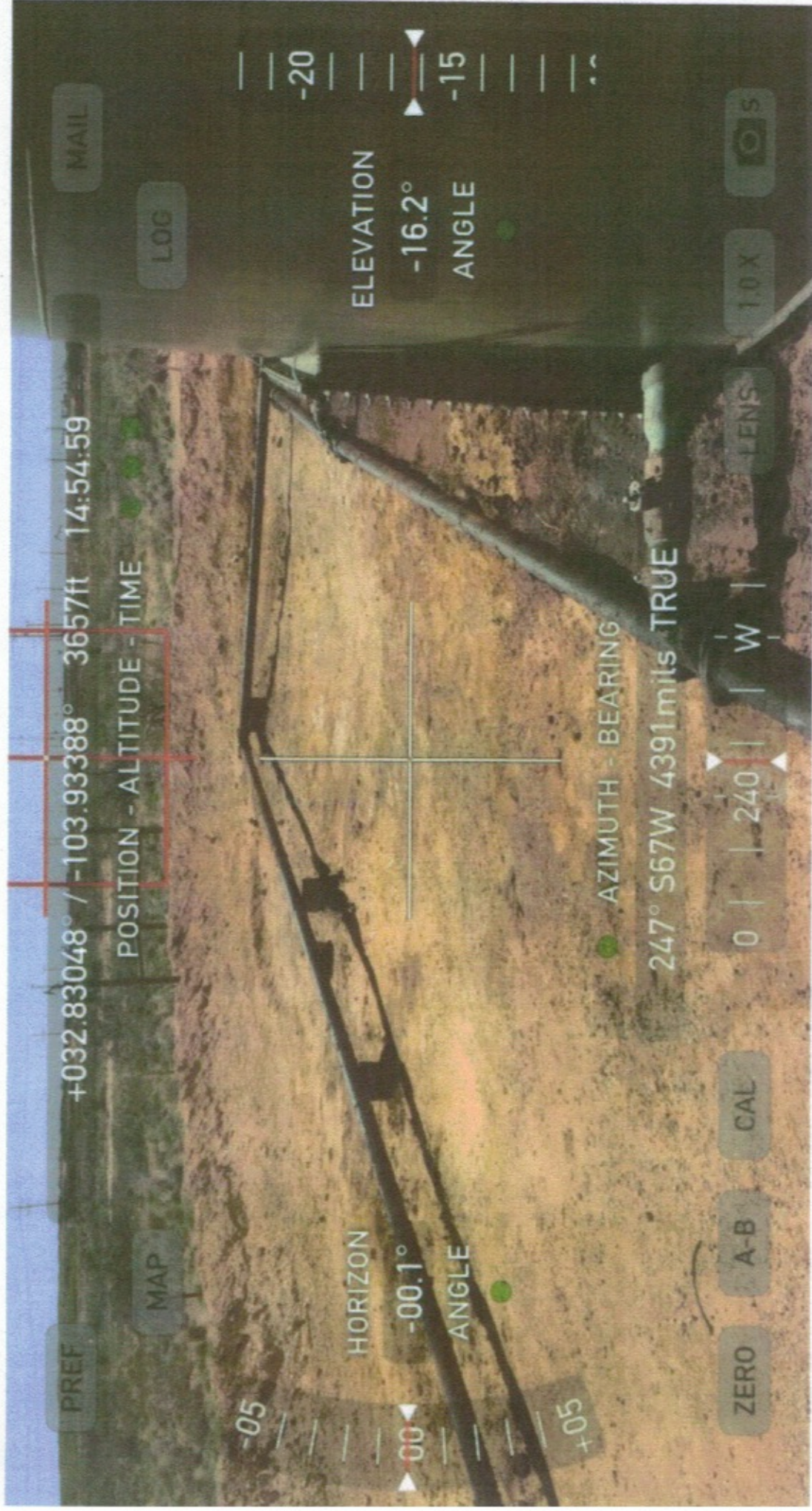
4/19/16



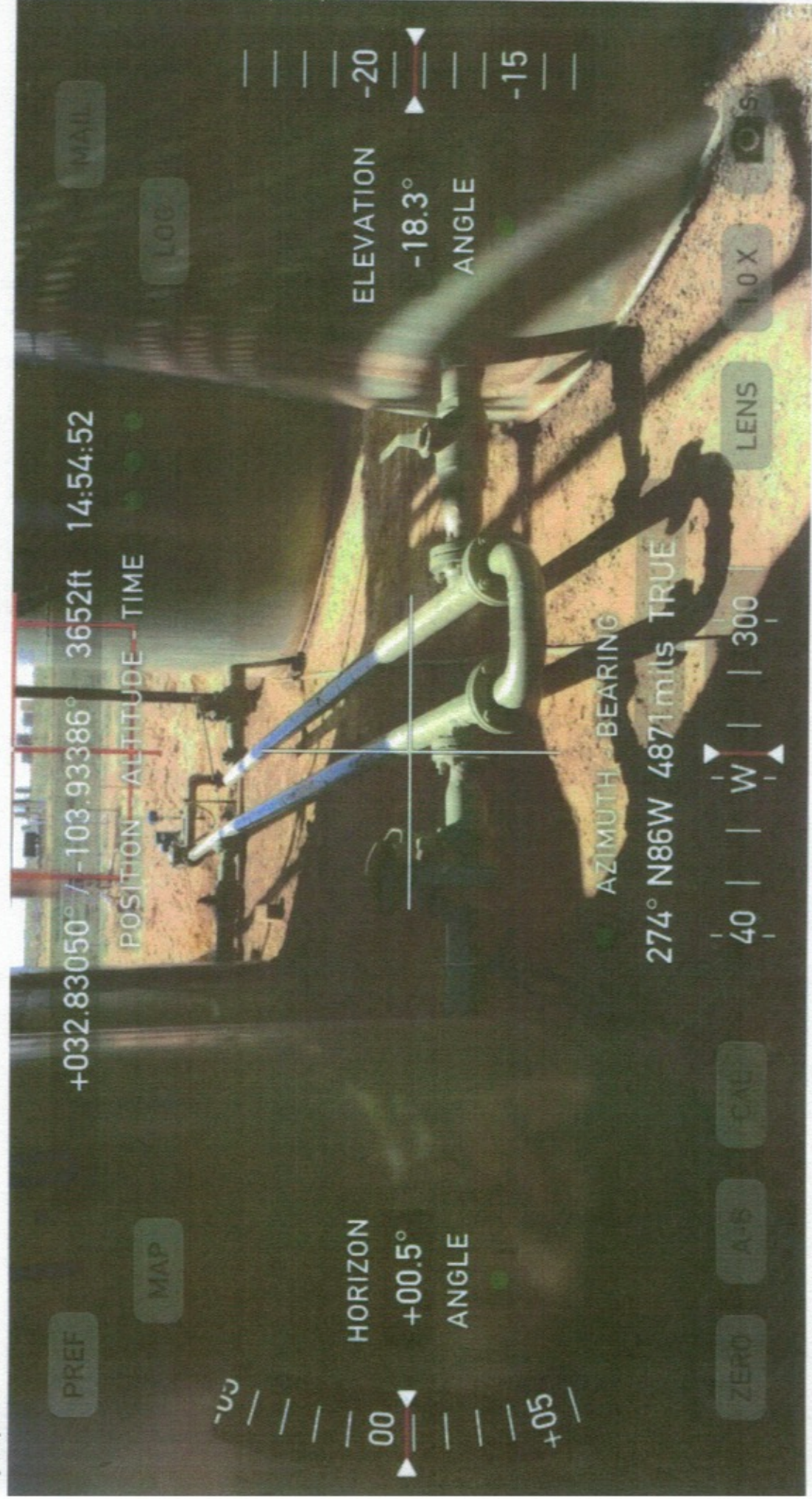
4/19/16



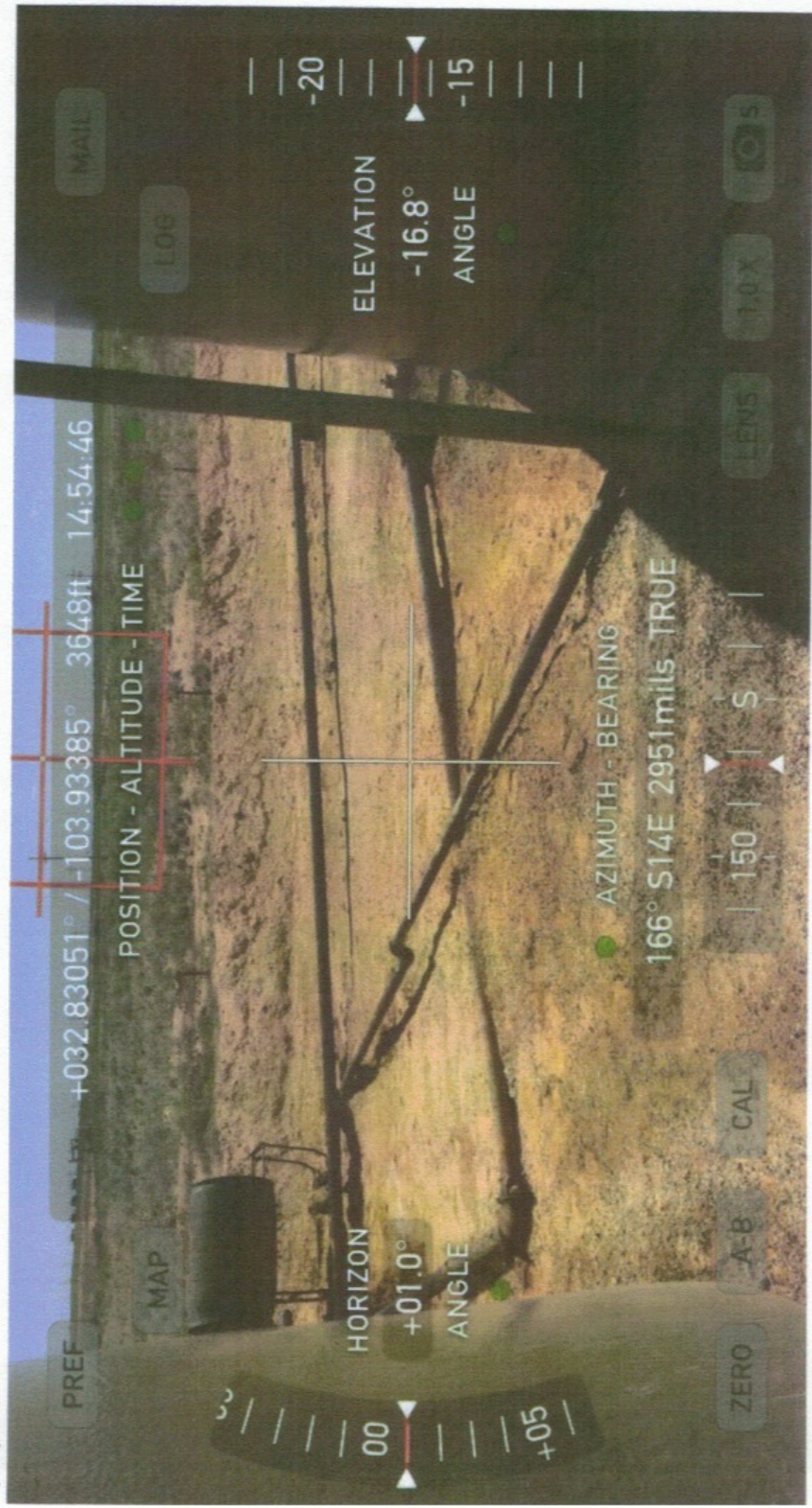
4/19/16



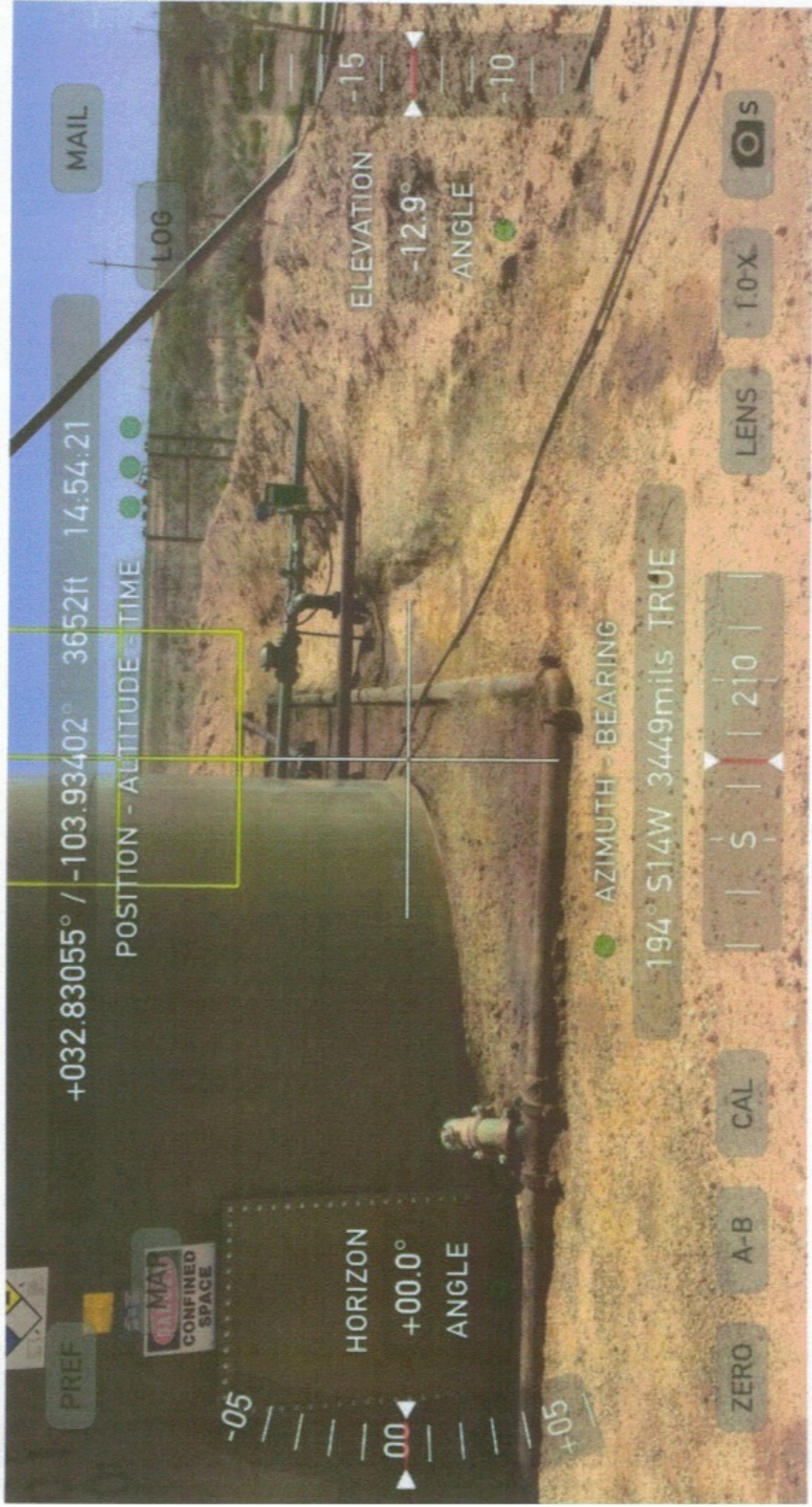
4/19/16



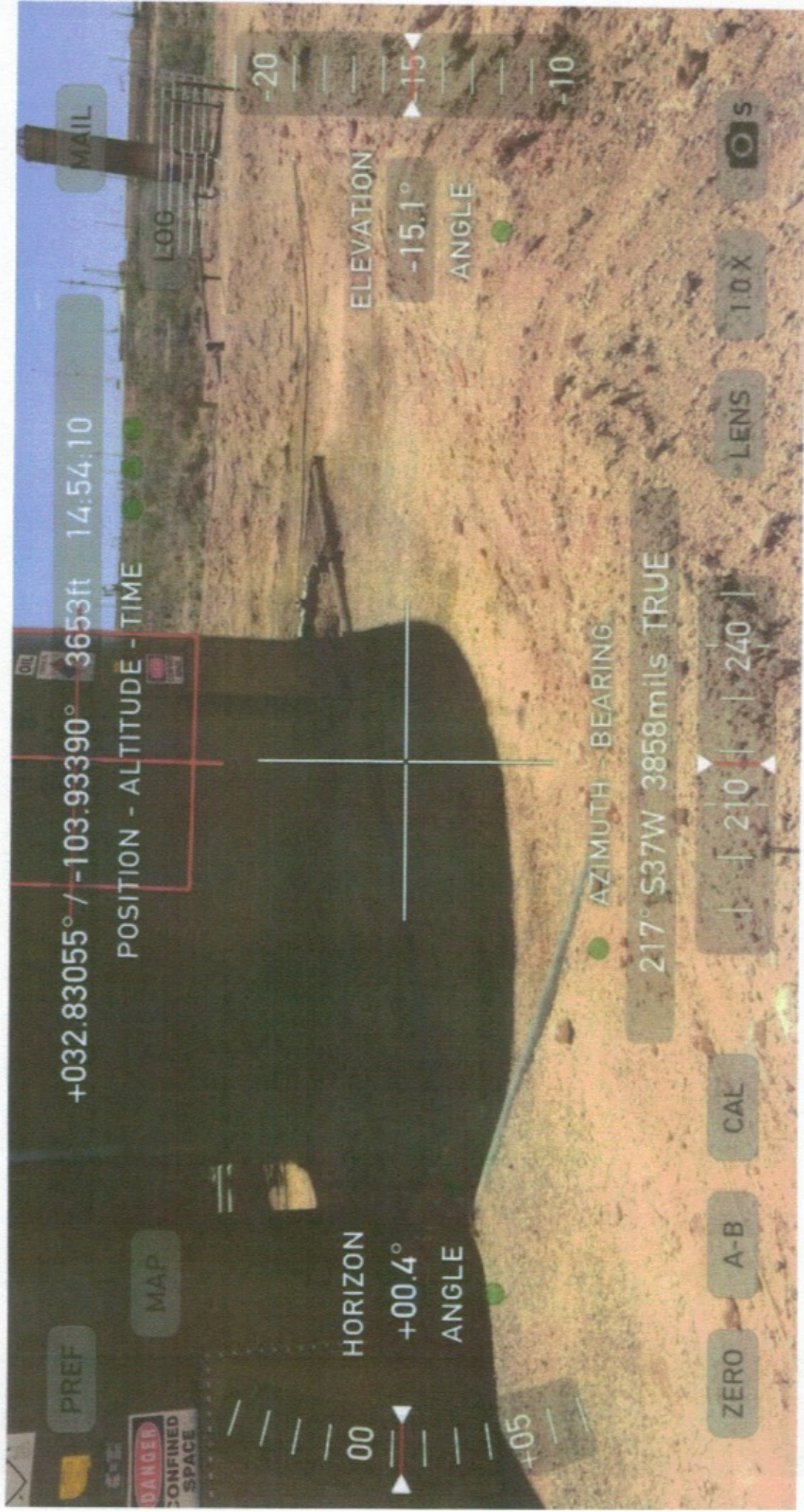
4/19/16



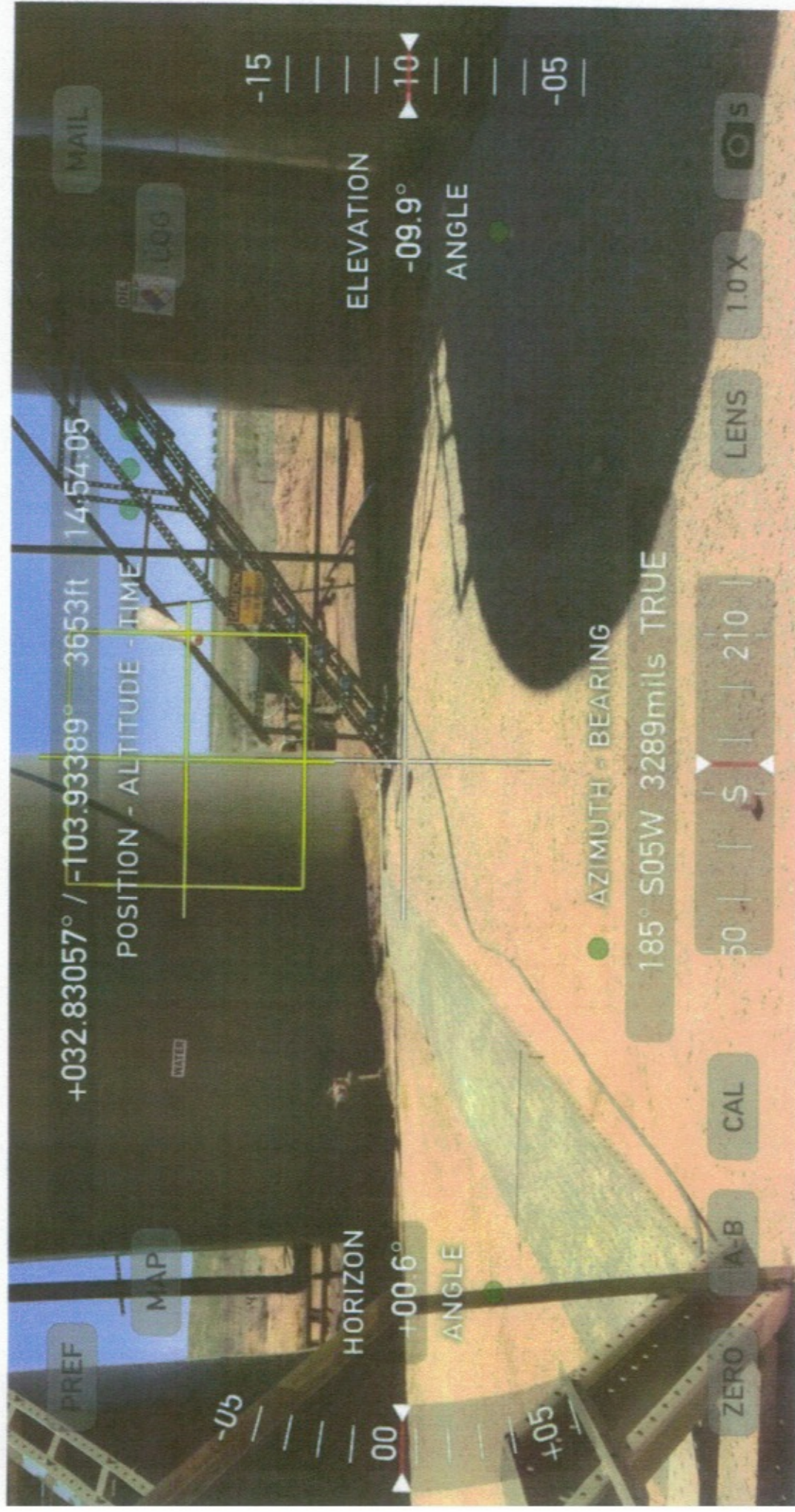
4/19/16



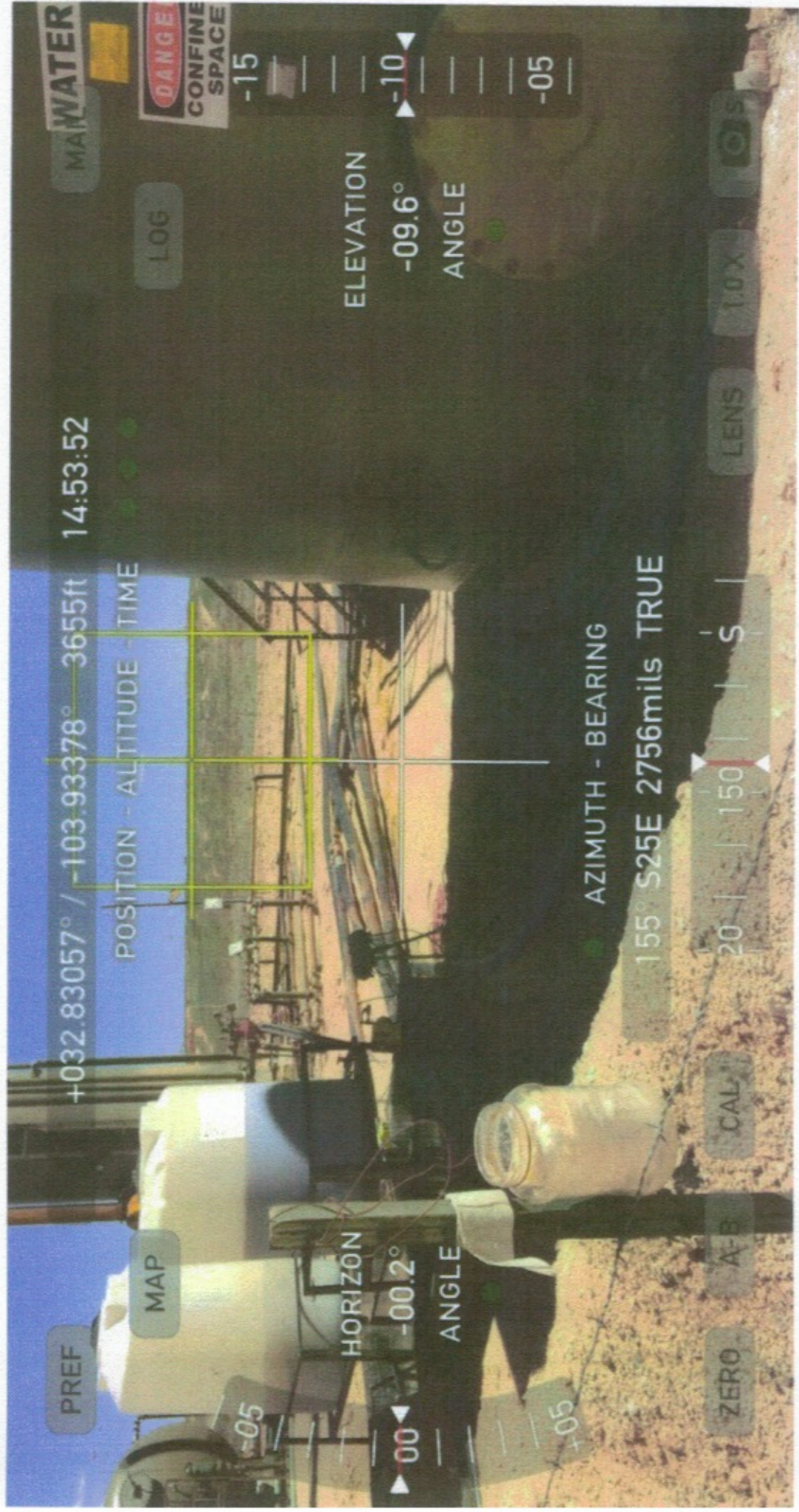
4/19/16



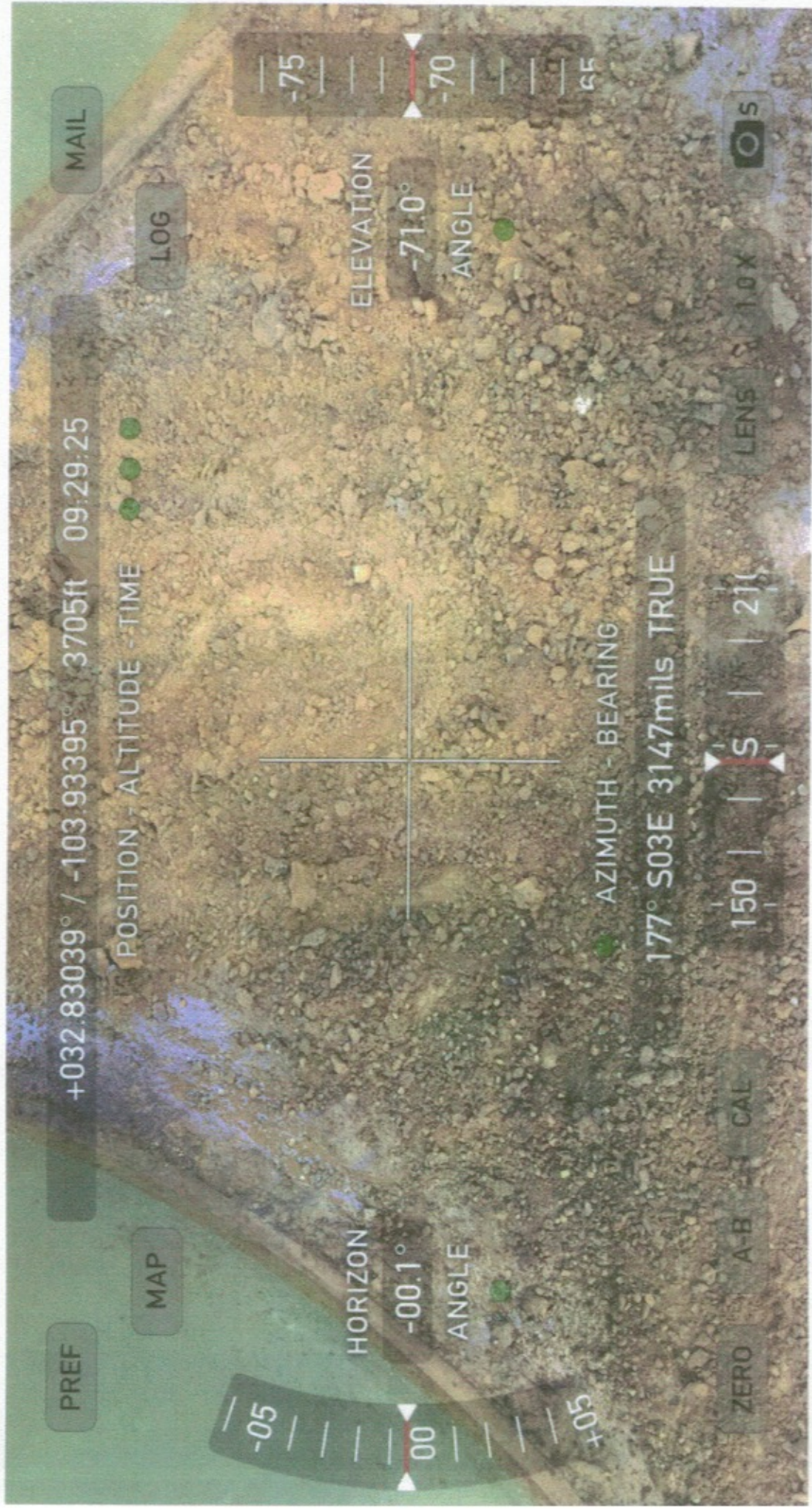
4/19/16



4/19/16



4/19/16

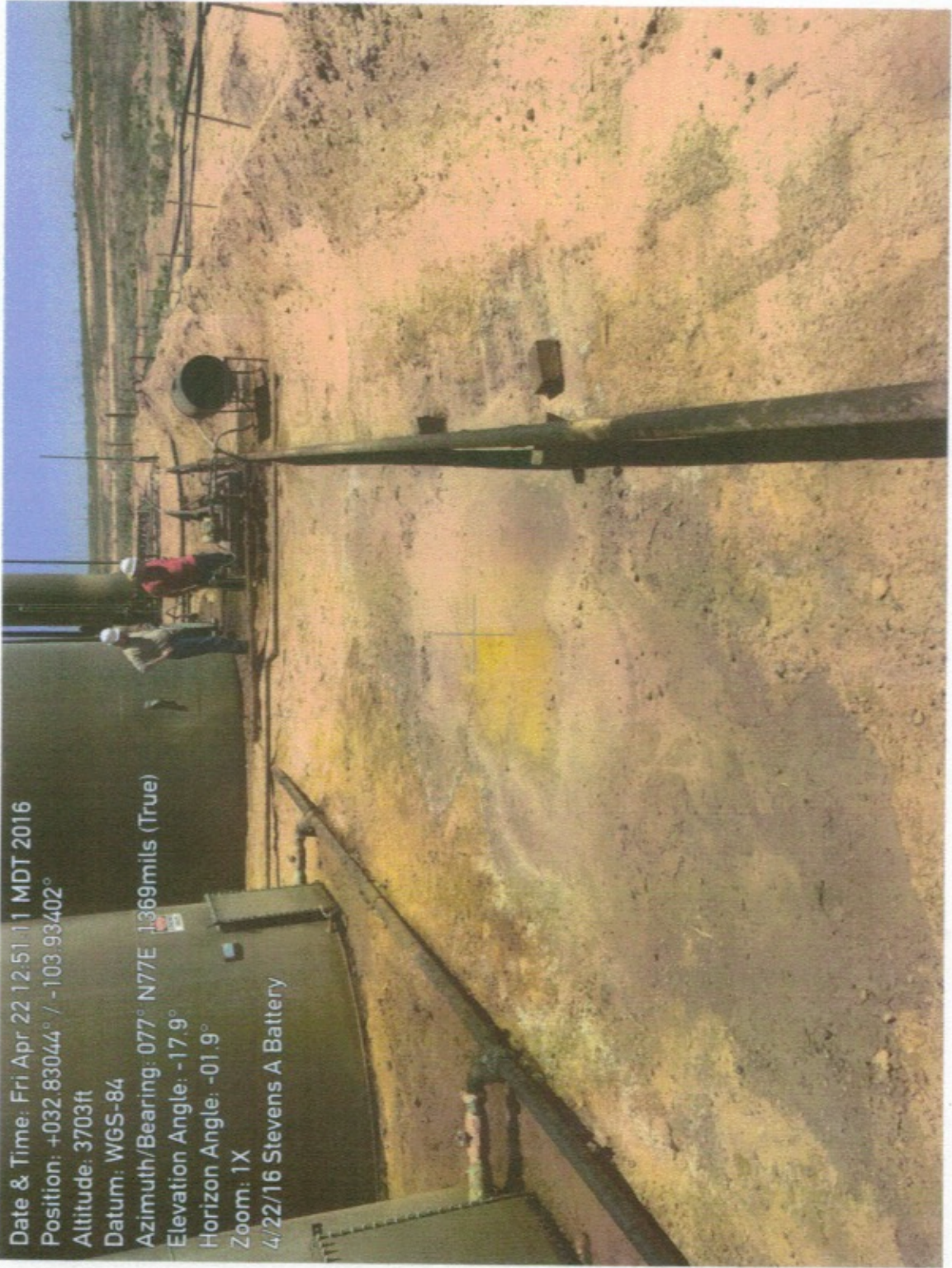


Week '4'

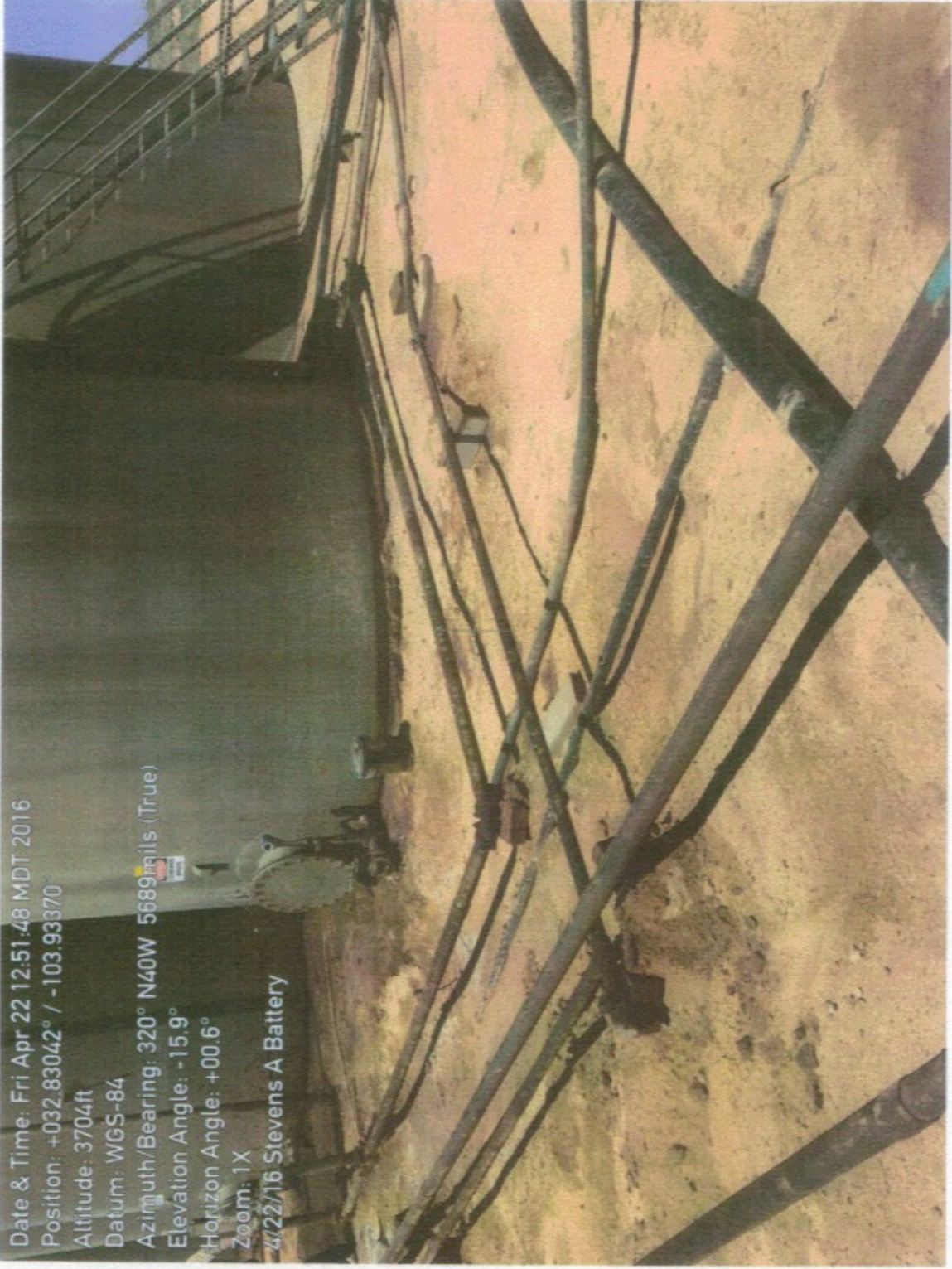
Date & Time: Fri Apr 22 12:50:35 MDT 2016
Position: +032.83056° / -103.93399°
Altitude: 3706ft
Datum: WGS-84
Azimuth/Bearing: 170° S10E 3022mils (True)
Elevation Angle: -17.4°
Horizon Angle: +00.8°
Zoom: 1X
4/22/16 Stevens A Battery



Date & Time: Fri Apr 22 12:51:11 MDT 2016
Position: +032.83044° / -103.93402°
Altitude: 3703ft
Datum: WGS-84
Azimuth/Bearing: 077° N77E 1369mils (True)
Elevation Angle: -17.9°
Horizon Angle: -01.9°
Zoom: 1X
4/22/16 Stevens A Battery



Date & Time: Fri Apr 22 12:51:48 MDT 2016
Position: +032.83042° / -103.93370°
Altitude: 3704ft
Datum: WGS-84
Azimuth/Bearing: 320° N40W 5689mils (True)
Elevation Angle: -15.9°
Horizon Angle: +00.6°
Zoom: 1X
4/22/16 Stevens A Battery





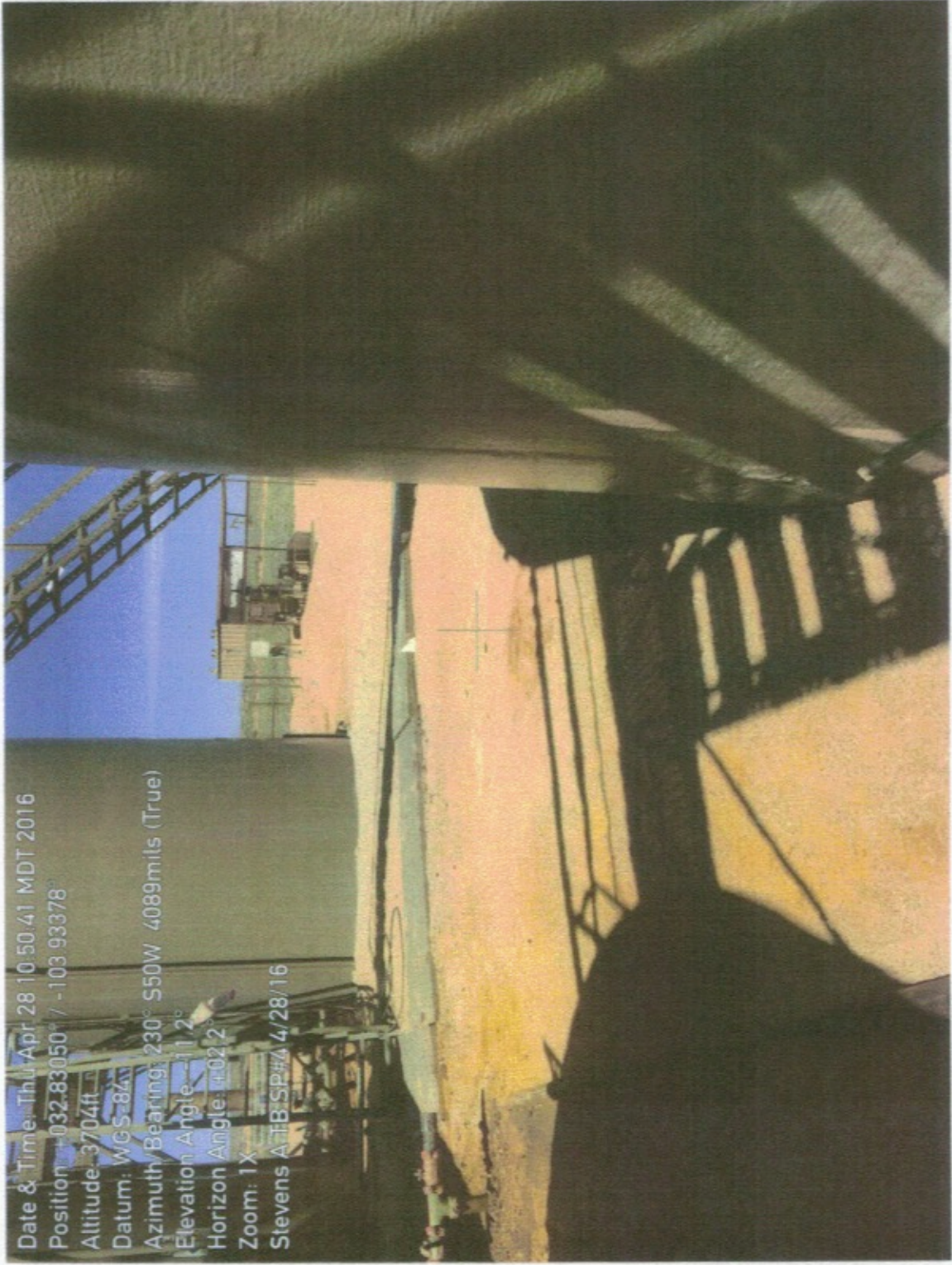
Date & Time: Thu Apr 28 10:38:24 MDT 2016
Position: +032.83055° / -103.93402°
Altitude: 3690ft
Datum: WGS-84
Azimuth/Bearing: 100° S80E 1778mils (True)
Elevation/Angle: -12.7°
Horizon Angle: +00.6°
Zoom: 1X
Stevens A TB SP#1 4/28/16

Date & Time: Thu Apr 28 10:39:36 MDT 2016
Position: +032.83044° / -103.93396°
Altitude: 3702ft
Datum: WGS-84
Azimuth/Bearing: 080° N80E 1422mils (True)
Elevation Angle: -16.9°
Horizon Angle: -02.1°
Zoom: 1X
Stevens A TB SP#2 4/28/16



Date & Time: Thu Apr 28 10:40:11 MDT 2016
Position: +032.83042° / -103.93373°
Altitude: 3723ft
Datum: WGS-84
Azimuth/Bearing: 006° N06E 0107mils (True)
Elevation Angle: -11.1°
Horizon Angle: +00.4°
Zoom: 1X
Stevens A TB SP#34/28/16





Date & Time: Thu Apr 28 10:50:41 MDT 2016
Position: -032.83050° / -103.93378°
Altitude: 3704ft
Datum: WGS-84
Azimuth/Bearing: 230° S50W 4089mils (True)
Elevation Angle: 11.2°
Horizon Angle: 402.2°
Zoom: 1X
Stevens ATEB SP#4 4/28/16

ANALYSIS

Burnett Oil Company

6666

Loco Hills, NM

5/9/16 Results

Sample Locations	Stevens A Battery				
	Moisture	Post-Treated Chlorides	TPH	BTEX	
SP1-0'-1'	13.00%	2000	4380	-	-
SP1-1'-1.5'	8.00%	453	ND	-	-
SP1-2'-2.5'	12.00%	79.1	-	-	-
SP1-3'-3.5'	13.00%	128	-	-	-
SP1-4'-4.5'	14.00%	235	-	-	-
SP2-0'-1'	13.00%	916	10600	-	-
SP2-1'-1.5'	15.00%	1030	5180	-	-
SP2-2'-2.5'	17.00%	1350	1320	-	-
SP2-3'-3.5'	12.00%	1020	-	-	-
SP2-4'-4.5'	15.00%	1110	-	-	-
SP3-0'-1'	7.00%	7710	ND	ND	-
SP3-1'-1.5'	8.00%	13400	ND	-	-
SP3-2'-2.5'	11.00%	12400	-	-	-
SP3-3'-3.5'	10.00%	12660	-	-	-
SP3-4'-4.5'	10.00%	9670	-	-	-
SP4-0'-1'	11.00%	970	220	ND	-
SP4-1'-1.5'	7.00%	709	ND	-	-
SP4-2'-2.5'	6.00%	751	-	-	-
SP4-3'-3.5'	9.00%	1100	-	-	-
SP4-4'-4.5'		Refusal			

Legend

Acceptable	Green
Near Acceptable	Yellow
Unacceptable	Red
Not Tested	-
Not Detected	ND

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Burnett Oil Co., Inc	Contact	Leslie Garvis
Address	801 Cherry Street - Suite 1500, Ft. Worth, Texas 76102	Telephone No.	817-583-8730
Facility Name	Gissler A 2 Battery	Facility Type	Tank Battery
Surface Owner	BLM	Mineral Owner	BLM
		API No.	30-015-33498

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	14	17S	30E	1650	South	1650	East	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Skim Oil/Produced Water	Volume of Release	200 bbls PW	Volume Recovered	0
Source of Release	Injection Line Ruptured	Date and Hour of Occurrence		Date and Hour of Discovery	2/26/16 0900
Was Immediate Notice Given?	☒ Yes ☐ No ☐ Not Required	If YES, To Whom?	BLM - S. Tucker, OCD H. Patterson (by phone & email)		
By Whom?	Leslie Garvis	Date and Hour	2/26/16 1530		
Was a Watercourse Reached?	☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

Injection line ruptured. Line has been isolated and scheduled for repair/replacement

Describe Area Affected and Cleanup Action Taken.*

100'x75' area on pad was affected as well as 300-400'x 1'5" area on pasture. Area will be sampled and remediated by regulatory standards.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Leslie Garvis</i>		OIL CONSERVATION DIVISION	
Printed Name: Leslie Garvis		Approved by Environmental Specialist:	
Title: Regulatory Coordinator	Approval Date:	Expiration Date:	
E-mail Address: lgarvis@burnettoil.com	Conditions of Approval:		Attached ☐
Date: 3/2/16	Phone: 817-583-8730		

* Attach Additional Sheets If Necessary



RWI
CONSTRUCTION INC.

3424 North WCR
Hobbs, New Mexico 88240

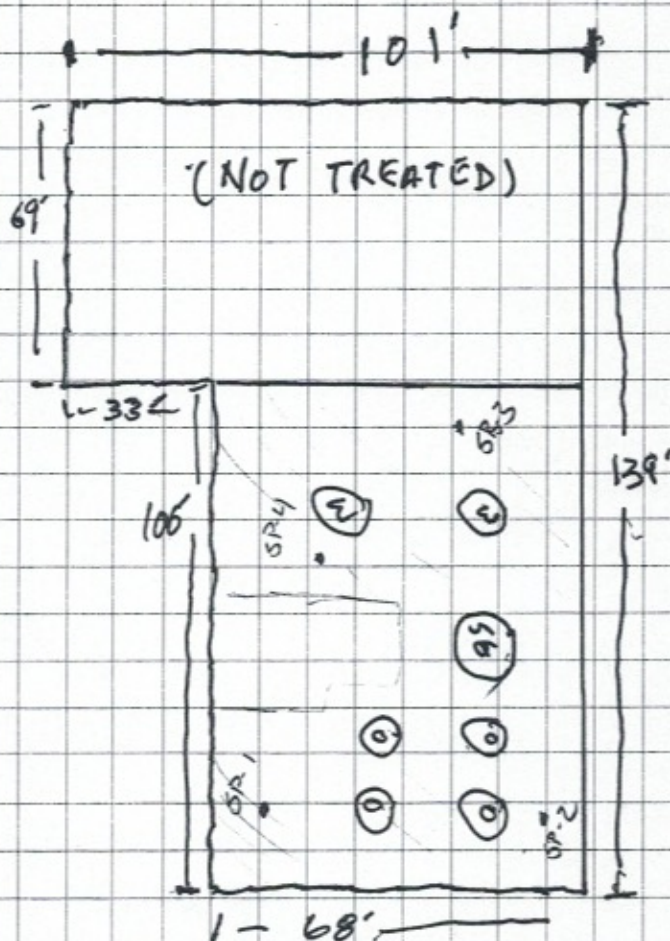
Office: (505) 393-5305
Facsimile: (505) 492-9845
~ 24 Hour Service ~

Sandblasting • Painting • Coating
Roustabout • Welding
Backhoe & Dump Truck Service
DOT Aluminum Tank Repair

ASME CODE STAMP
R • CODE
STAMP



Stevens A Battery (4-28-16)



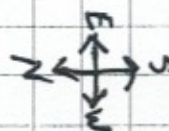
SP-1 0-1'
SP-1 1-1.5'
SP-1 2-2.5'
SP-1 3-3.5'
SP-1 4-4.5'

SP-2 0-1'
SP-2 1-1.5'
SP-2 2-2.5'
SP-2 3-3.5'
SP-2 4-4.5'

SP-3 0-1'
SP-3 1-1.5'
SP-3 2-2.5'
SP-3 3-3.5'
SP-3 4-4.5'

SP-4 0-1'
SP-4 1-1.5'
SP-4 2-2.5'
SP-4 3-3.5'

SP-4 4-4.5' R.P. Assn



**PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701**

PBELAB

Analytical Report

Prepared for:

Johnny Titsworth
Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland, TX 79705

Project: Stevens A Battery

Project Number: 1

Location: Loco Hills, NM

Lab Order Number: 6E02005



NELAP/TCEQ # T104704156-13-3

Report Date: 05/11/16

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP1 - 0-1'	6E02005-01	Soil	04/28/16 00:00	05-02-2016 13:10
SP1 - 1-1.5'	6E02005-02	Soil	04/28/16 00:00	05-02-2016 13:10
SP1 - 2-2.5'	6E02005-03	Soil	04/28/16 00:00	05-02-2016 13:10
SP1 - 3-3.5'	6E02005-04	Soil	04/28/16 00:00	05-02-2016 13:10
SP1 - 4-4.5'	6E02005-05	Soil	04/28/16 00:00	05-02-2016 13:10
SP2 - 0-1'	6E02005-06	Soil	04/28/16 00:00	05-02-2016 13:10
SP2 - 1-1.5'	6E02005-07	Soil	04/28/16 00:00	05-02-2016 13:10
SP2 - 2-2.5'	6E02005-08	Soil	04/28/16 00:00	05-02-2016 13:10
SP2 - 3-3.5'	6E02005-09	Soil	04/28/16 00:00	05-02-2016 13:10
SP2 - 4-4.5'	6E02005-10	Soil	04/28/16 00:00	05-02-2016 13:10
SP3 - 0-1'	6E02005-11	Soil	04/28/16 00:00	05-02-2016 13:10
SP3 - 1-1.5'	6E02005-12	Soil	04/28/16 00:00	05-02-2016 13:10
SP3 - 2-2.5'	6E02005-13	Soil	04/28/16 00:00	05-02-2016 13:10
SP3 - 3-3.5'	6E02005-14	Soil	04/28/16 00:00	05-02-2016 13:10
SP3 - 4-4.5'	6E02005-15	Soil	04/28/16 00:00	05-02-2016 13:10
SP4 - 0-1'	6E02005-16	Soil	04/28/16 00:00	05-02-2016 13:10
SP4 - 1-1.5'	6E02005-17	Soil	04/28/16 00:00	05-02-2016 13:10
SP4 - 2-2.5'	6E02005-18	Soil	04/28/16 00:00	05-02-2016 13:10
SP4 - 3-3.5'	6E02005-19	Soil	04/28/16 00:00	05-02-2016 13:10

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP1 - 0-1'
6E02005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2000	11.5	mg/kg dry	10	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	783	144	mg/kg dry	5	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C12-C28	3210	144	mg/kg dry	5	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C28-C35	389	144	mg/kg dry	5	P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: 1-Chlorooctane		140 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		124 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	4380	144	mg/kg dry	5	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP1 - 1-1.5'
6E02005-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	453	1.09	mg/kg dry	1	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP1 - 2-2.5'
6E02005-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	79.1	1.14	mg/kg dry	1	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP1 - 3-3.5'
6E02005-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	128	1.15	mg/kg dry	1	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP1 - 4-4.5'
6E02005-05 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	235	5.81	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0
% Moisture	14.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP2 - 0-1'
6E02005-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	916	5.75	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	1090	287	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C12-C28	8450	287	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C28-C35	1100	287	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	10600	287	mg/kg dry	10	[CALC]	05/02/16	05/04/16	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP2 - 1-1.5'

6E02005-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1030	5.88	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	15.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	871	294	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C12-C28	3740	294	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C28-C35	564	294	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: 1-Chlorooctane		124 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	5180	294	mg/kg dry	10	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP2 - 2-2.5'
6E02005-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1350	12.0	mg/kg dry	10	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	17.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	348	301	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C12-C28	976	301	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C28-C35	ND	301	mg/kg dry	10	P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1320	301	mg/kg dry	10	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP2 - 3-3.5'
6E02005-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1020	5.68	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP2 - 4-4.5'
6E02005-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1110	5.88	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	15.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP3 - 0-1'
6E02005-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00108	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Toluene	ND	0.00215	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		119 %	75-125		P6E1001	05/09/16	05/09/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P6E1001	05/09/16	05/09/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7710	26.9	mg/kg dry	25	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P6E0913	05/02/16	05/04/16	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P6E0913	05/02/16	05/04/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP3 - 1-1.5'
6E02005-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	13400	54.3	mg/kg dry	50	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/02/16	05/04/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP3 - 2-2.5'
6E02005-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	12400	56.2	mg/kg dry	50	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP3 - 3-3.5'
6E02005-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	12600	55.6	mg/kg dry	50	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP3 - 4-4.5'
6E02005-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9670	55.6	mg/kg dry	50	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

SP4 - 0-1'
6E02005-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00112	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6E1001	05/09/16	05/09/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		122 %	75-125		P6E1001	05/09/16	05/09/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		119 %	75-125		P6E1001	05/09/16	05/09/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	970	5.62	mg/kg dry	5	P6E0604	05/05/16	05/06/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6E0506	05/03/16	05/03/16	TPH 8015M	
>C12-C28	190	28.1	mg/kg dry	1	P6E0506	05/03/16	05/03/16	TPH 8015M	
>C28-C35	30.0	28.1	mg/kg dry	1	P6E0506	05/03/16	05/03/16	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P6E0506	05/03/16	05/03/16	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P6E0506	05/03/16	05/03/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	220	28.1	mg/kg dry	1	[CALC]	05/03/16	05/03/16	calc	S-GC

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP4 - 1-1.5'
6E02005-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	709	1.08	mg/kg dry	1	P6E0605	05/05/16	05/06/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/03/16	05/03/16	calc	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP4 - 2-2.5'
6E02005-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	751	1.06	mg/kg dry	1	P6E0605	05/05/16	05/06/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

SP4 - 3-3.5'
6E02005-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	1100	11.0	mg/kg dry	10	P6E0605	05/05/16	05/06/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6E0406	05/04/16	05/04/16	% calculation	

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E1001 - General Preparation (GC)										
Blank (P6E1001-BLK1)										
Prepared & Analyzed: 05/09/16										
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0597		"	0.0500		119	75-125			
Surrogate: 1,4-Difluorobenzene	0.0569		"	0.0500		114	75-125			
LCS (P6E1001-BS1)										
Prepared & Analyzed: 05/09/16										
Benzene	0.103	0.00100	mg/kg wet	0.100		103	70-130			
Toluene	0.101	0.00200	"	0.100		101	70-130			
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130			
Xylene (p/m)	0.203	0.00200	"	0.200		101	70-130			
Xylene (o)	0.0976	0.00100	"	0.100		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0596		"	0.0500		119	75-125			
Surrogate: 1,4-Difluorobenzene	0.0615		"	0.0500		123	75-125			
LCS Dup (P6E1001-BSD1)										
Prepared & Analyzed: 05/09/16										
Benzene	0.0992	0.00100	mg/kg wet	0.100		99.2	70-130	3.95	20	
Toluene	0.101	0.00200	"	0.100		101	70-130	0.446	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130	2.14	20	
Xylene (p/m)	0.208	0.00200	"	0.200		104	70-130	2.53	20	
Xylene (o)	0.104	0.00100	"	0.100		104	70-130	5.99	20	
Surrogate: 1,4-Difluorobenzene	0.0613		"	0.0500		123	75-125			
Surrogate: 4-Bromofluorobenzene	0.0614		"	0.0500		123	75-125			
Matrix Spike (P6E1001-MS1)										
Source: 6E02005-11 Prepared & Analyzed: 05/09/16										
Benzene	0.101	0.00108	mg/kg dry	0.108	ND	93.6	80-120			
Toluene	0.0999	0.00215	"	0.108	ND	92.9	80-120			
Ethylbenzene	0.111	0.00108	"	0.108	ND	103	80-120			
Xylene (p/m)	0.200	0.00215	"	0.215	ND	93.0	80-120			
Xylene (o)	0.0984	0.00108	"	0.108	ND	91.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0632		"	0.0538		118	75-125			
Surrogate: 1,4-Difluorobenzene	0.0639		"	0.0538		123	75-125			

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6E1001 - General Preparation (GC)

Matrix Spike Dup (P6E1001-MSD1)

Source: 6E02005-11

Prepared & Analyzed: 05/09/16

Benzene	0.0974	0.00108	mg/kg dry	0.108	ND	90.5	80-120	3.27	20	
Toluene	0.0980	0.00215	"	0.108	ND	91.1	80-120	1.98	20	
Ethylbenzene	0.110	0.00108	"	0.108	ND	102	80-120	0.935	20	
Xylene (p/m)	0.198	0.00215	"	0.215	ND	92.1	80-120	0.978	20	
Xylene (o)	0.0975	0.00108	"	0.108	ND	90.7	80-120	0.911	20	
Surrogate: 4-Bromofluorobenzene	0.0656		"	0.0538		122	75-125			
Surrogate: 1,4-Difluorobenzene	0.0647		"	0.0538		120	75-125			

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E0406 - *** DEFAULT PREP ***										
Blank (P6E0406-BLK1)					Prepared & Analyzed: 05/04/16					
% Moisture	ND	0.1	%							
Duplicate (P6E0406-DUP1)					Source: 6D28009-05 Prepared & Analyzed: 05/04/16					
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P6E0406-DUP2)					Source: 6D28010-01 Prepared & Analyzed: 05/04/16					
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P6E0406-DUP3)					Source: 6D28012-04 Prepared & Analyzed: 05/04/16					
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P6E0406-DUP4)					Source: 6E02003-04 Prepared & Analyzed: 05/04/16					
% Moisture	ND	0.1	%		ND				20	
Duplicate (P6E0406-DUP5)					Source: 6E02003-09 Prepared & Analyzed: 05/04/16					
% Moisture	ND	0.1	%		ND				20	
Duplicate (P6E0406-DUP6)					Source: 6E02003-13 Prepared & Analyzed: 05/04/16					
% Moisture	ND	0.1	%		ND				20	
Batch P6E0604 - *** DEFAULT PREP ***										
Blank (P6E0604-BLK1)					Prepared: 05/05/16 Analyzed: 05/06/16					
Chloride	ND	1.00	mg/kg wet							
LCS (P6E0604-BS1)					Prepared: 05/05/16 Analyzed: 05/06/16					
Chloride	167	1.00	mg/kg wet	200		83.5	80-120			

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E0604 - *** DEFAULT PREP ***										
LCS Dup (P6E0604-BSD1)										
Chloride	168	1.00	mg/kg wet	200		84.0	80-120	0.597	20	Prepared: 05/05/16 Analyzed: 05/06/16
Duplicate (P6E0604-DUP1)										
Chloride	1900	11.6	mg/kg dry		1890			0.465	20	Source: 6D28013-09 Prepared: 05/05/16 Analyzed: 05/06/16
Duplicate (P6E0604-DUP2)										
Chloride	1030	5.88	mg/kg dry		1030			0.513	20	Source: 6E02005-07 Prepared: 05/05/16 Analyzed: 05/06/16
Matrix Spike (P6E0604-MS1)										
Chloride	4190	11.6	mg/kg dry	2330	1890	98.6	80-120			Source: 6D28013-09 Prepared: 05/05/16 Analyzed: 05/06/16
Batch P6E0605 - *** DEFAULT PREP ***										
Blank (P6E0605-BLK1)										
Chloride	ND	1.00	mg/kg wet							Prepared: 05/05/16 Analyzed: 05/06/16
LCS (P6E0605-BS1)										
Chloride	178	1.00	mg/kg wet	200		89.0	80-120			Prepared: 05/05/16 Analyzed: 05/06/16
LCS Dup (P6E0605-BSD1)										
Chloride	169	1.00	mg/kg wet	200		84.5	80-120	5.19	20	Prepared: 05/05/16 Analyzed: 05/06/16
Duplicate (P6E0605-DUP1)										
Chloride	137	26.3	mg/kg dry		136			0.966	20	Source: 6E05001-01 Prepared: 05/05/16 Analyzed: 05/06/16
Duplicate (P6E0605-DUP2)										
Chloride	65800	185	mg/kg dry		65800			0.0281	20	Source: 6E05002-01 Prepared: 05/05/16 Analyzed: 05/06/16

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P6E0605 - * DEFAULT PREP *****

Matrix Spike (P6E0605-MS1)

Chloride

4320	26.3	mg/kg dry	4210	136	99.4	80-120
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Source: 6E05001-01

Prepared: 05/05/16 Analyzed: 05/06/16

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E0506 - TX 1005										
Blank (P6E0506-BLK1)										
					Prepared & Analyzed: 05/03/16					
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	59.0		"	50.0		118	70-130			
LCS (P6E0506-BS1)										
					Prepared & Analyzed: 05/03/16					
C6-C12	764	25.0	mg/kg wet	1000		76.4	75-125			
>C12-C28	891	25.0	"	1000		89.1	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	57.0		"	50.0		114	70-130			
LCS Dup (P6E0506-BSD1)										
					Prepared & Analyzed: 05/03/16					
C6-C12	784	25.0	mg/kg wet	1000		78.4	75-125	2.64	20	
>C12-C28	931	25.0	"	1000		93.1	75-125	4.35	20	
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	53.0		"	50.0		106	70-130			
Matrix Spike (P6E0506-MS1)										
			Source: 6E02006-12		Prepared: 05/03/16 Analyzed: 05/04/16					
C6-C12	855	25.8	mg/kg dry	1030	17.5	81.3	75-125			
>C12-C28	996	25.8	"	1030	ND	96.6	75-125			
Surrogate: 1-Chlorooctane	144		"	103		140	70-130			
Surrogate: o-Terphenyl	66.6		"	51.5		129	70-130			S-GC
Matrix Spike Dup (P6E0506-MSD1)										
			Source: 6E02006-12		Prepared: 05/03/16 Analyzed: 05/04/16					
C6-C12	825	25.8	mg/kg dry	1030	17.5	78.4	75-125	3.65	20	
>C12-C28	965	25.8	"	1030	ND	93.6	75-125	3.18	20	
Surrogate: 1-Chlorooctane	141		"	103		137	70-130			
Surrogate: o-Terphenyl	64.2		"	51.5		125	70-130			S-GC

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Tittsworth

Fax:

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E0913 - TX 1005										
Blank (P6E0913-BLK1)										
					Prepared: 05/02/16 Analyzed: 05/04/16					
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	50.0		"	50.0		100	70-130			
LCS (P6E0913-BS1)										
					Prepared: 05/02/16 Analyzed: 05/04/16					
C6-C12	800	25.0	mg/kg wet	1000		80.0	75-125			
>C12-C28	828	25.0	"	1000		82.8	75-125			
Surrogate: 1-Chlorooctane	98.8		"	100		98.8	70-130			
Surrogate: o-Terphenyl	41.4		"	50.0		82.8	70-130			
LCS Dup (P6E0913-BSD1)										
					Prepared: 05/02/16 Analyzed: 05/04/16					
C6-C12	825	25.0	mg/kg wet	1000		82.5	75-125	3.03	20	
>C12-C28	838	25.0	"	1000		83.8	75-125	1.24	20	
Surrogate: 1-Chlorooctane	89.7		"	100		89.7	70-130			
Surrogate: o-Terphenyl	39.9		"	50.0		79.9	70-130			
Matrix Spike (P6E0913-MS1)										
			Source: 6E02004-03		Prepared: 05/02/16 Analyzed: 05/04/16					
C6-C12	682	25.3	mg/kg dry	707	20.6	93.6	75-125			
>C12-C28	759	25.3	"	707	ND	107	75-125			
Surrogate: 1-Chlorooctane	117		"	101		116	70-130			
Surrogate: o-Terphenyl	45.0		"	50.5		89.1	70-130			
Matrix Spike Dup (P6E0913-MSD1)										
			Source: 6E02004-03		Prepared: 05/02/16 Analyzed: 05/04/16					
C6-C12	650	25.3	mg/kg dry	707	20.6	89.1	75-125	4.93	20	
>C12-C28	720	25.3	"	707	ND	102	75-125	5.28	20	
Surrogate: 1-Chlorooctane	112		"	101		111	70-130			
Surrogate: o-Terphenyl	42.4		"	50.5		84.0	70-130			

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Burnett Oil Company, Inc.
24 Smith Road Suite 100
Midland TX, 79705

Project: Stevens A Battery
Project Number: 1
Project Manager: Johnny Titsworth

Fax:

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

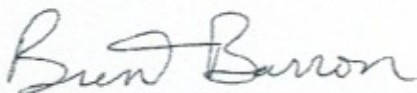
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

5/11/2016

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Project Manager: Kevin Freeman & Johnny Tiltsworth

Company Name Burnett Oil Company, Inc.

Company Address: 24 Smith Road, Suite 100

City/State/Zip: Midland, TX 70705

Telephone No: 432-425-2891

Sampler Signature:

Fax No: 817-332-2438

e-mails

jills.worth@burnettoll.com

k.freeman@aspengrow.us

d.holt@aspengrow.us

Preservation & # of Containers

Matrix

Analyze For:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

TRAP

☐ NPDES

Project Name: Stevens A Battery

Project #: 1

Project Loc: Loco Hills, NM

PO #:

Page 30 of 31

[illegible]

Instructions:
If total TPH exceeds 5,000 mg/kg, run deeper samples. If total BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg run deeper samples.

Refinanced by:

by: Kolb and Krieger

Disseminated by:

Date	Time
------	------

Date	Time
------	------

Date	Time
------	------

11/29/24

100

110

Date	Time
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Date	Time
------	------

1000

Date	Time
------	------

Date	Time
------	------

1000

Project Manager:
Kevin Freeman & Johnny Tilsworth

Project Name: Slovens A Battery

Company Name Burnett Oil Company, Inc.

Project #: _____

Company Address: 24 Smith Road, Suite 100

Project Loc: Loco Hills, NMCity/State/Zip: Midland, TX 79705

POB:

Telephone No: 432-425-2891Fax No: 817-332-2438

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:

e-mail:

jitsvoeth@burnettol.com
k.freeman@gaspengrow.us

d.holt@asporrow.us

Preservation & # of Containers

Matrix

Analyze For:

Rush 24 48 72 (Please call)	
Standard	

[illegible]

Special instructions:

If total TPH exceeds 5,000 mg/kg, run deeper samples. If total BTEX exceeds 50 mg/kg or Benzene exceeds 10 mg/kg run deeper samples.

Requisitioned by:

Debit

Time

1

Date _____

Finno

Robinson-Johnson by

Date:

Time

Received by:

Date _____

Time

Refringuishod by:

Date

Time

Source: *Author's calculations*.

5110